

AD-A268 716



2



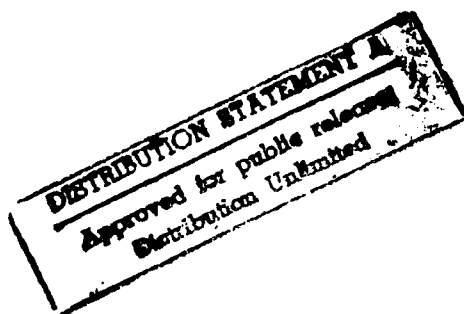
Department  
of  
Defense

# DoD Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 858  
Personal Property  
Shipment Information  
(Version 003010)

DF101LN10

April 1993



930415

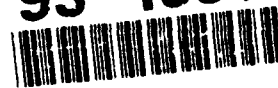
8

23

03

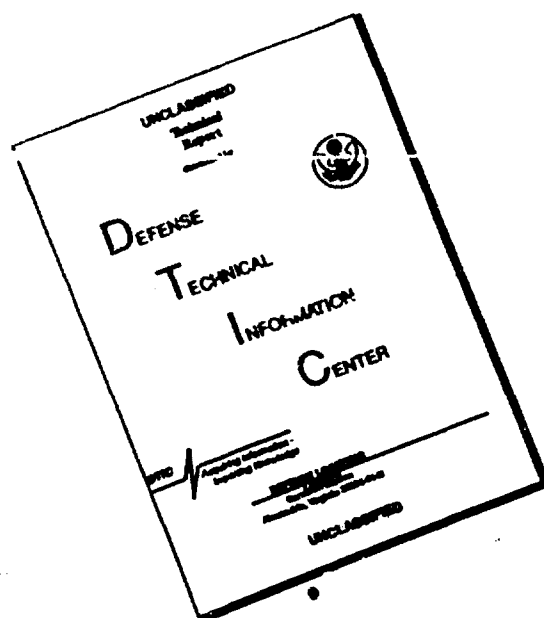


93-19932



181AK

# DISCLAIMER NOTICE



**THIS DOCUMENT IS BEST  
QUALITY AVAILABLE. THE COPY  
FURNISHED TO DTIC CONTAINED  
A SIGNIFICANT NUMBER OF  
PAGES WHICH DO NOT  
REPRODUCE LEGIBLY.**



Department  
of  
Defense

# DoD Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 858  
Personal Property  
Shipment Information  
(Version 003010)

This document was prepared by the Logistics Management Institute for the Defense Finance and Accounting Service - Indianapolis Center, and the Defense Logistics Agency under Task DF101. The task was performed under Contract MDA903-90-C-0006 with the Department of Defense. Permission to quote or reproduce any part of this document except for Government purposes must be obtained from the Department of Defense Executive Agent for Electronic Commerce/Electronic Data Interchange/Protection of Logistics Unclassified/Sensitive Systems.

Executive Agent for EC/EDI/PLUS  
Defense Logistics Agency  
Cameron Station  
Alexandria, VA 22304-6100

## 10.0 DoD EDI CONVENTION

### ASC X12 TRANSACTION SET 858 PERSONAL PROPERTY SHIPMENT INFORMATION (VERSION 003010)

FORMATTING THE U.S. GOVERNMENT BILL OF LADING FOR  
PRIVATELY OWNED PERSONAL PROPERTY (STANDARD  
FORM 1203 AND SUPPORTING DOCUMENTS) USING THE  
TRANSACTION SET 858 SHIPMENT INFORMATION.

DTIC QUALITY INSPECTED 3

Accession For	
NTIS	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
Dist.	Avail and/or Special
A-1	

## Contents

FORMATTING PERSONAL PROPERTY SHIPMENT INFORMATION USING THE ASC X12 TRANSACTION SET 858 SHIPMENT INFORMATION.

### 10.i Introduction

#### 10.1 Reserved

#### 10.2 Control Segments

#### 10.3 Reserved

#### 10.4 Reserved

#### 10.5 Data Element Cross-Reference Matrix

#### 10.6 Reserved

#### 10.7 DoD Convention

#### 10.A Reserved

#### 10.B Reserved

#### 10.C Examples - 858 Shipment Information

#### 10.D Reserved

#### 10.E Reserved

#### 10.F Additional Government Code Lists

## 10.i INTRODUCTION

This is an Electronic Data Interchange (EDI) systems design document that describes the standard or "convention" the Department of Defense (DoD) will use to send personal property shipment information using the ASC X12.18 Transaction Set 858 Shipment Information (003010). It details the data requirements of the U.S. Government Bill of Lading - Privately Owned Personal Property (Standard Form 1203)(PPGBL); and supporting documents including the Statement of Accessorial Services (DD Form 619) and reweigh tickets, and specifies exactly where the data must appear in the 858 transaction set. This document contains information for the design of interface computer programs that serve to link systems application computer programs and an EDI translator computer program.

### Who Needs to Use This Document

Computer programmers can use this document to identify the data in a populated EDI transaction with data requirements of their specific application database. Conversely, programmers can identify where their applications data requirement should be carried in an EDI transaction.

### Why Use a Convention

There are more ways to populate an EDI transaction than there are ways to fill out a blank form. A convention defines the rules for filling in or "populating" an EDI transaction with a specific data set. Following a convention ensures the integrity of data that is produced and processed by EDI capable computer systems.

### Contents

Four sections are included in this document.

- Section 10.2, Control Segments, identifies the specific data requirements for formatting the EDI control segments when sending and receiving EDI transactions.
- Section 10.5, Data Element Cross-Reference Matrix, lists the data requirements of DoD and specifies where each data element should be carried in the transaction set. This section can be used to map an existing application database into the transaction set.
- Section 10.7, DoD Conventions, lists the layout of the target transaction set by segment and data element. Identified along side each transaction set data element is the cross-reference data element from Section 10.5. This section can be used to interpret segments and data elements of a populated transaction set.

- Appendices contain examples of populated transaction sets, trading partner data element matrix, and other items that serve as references for software developers.

## 10.2 Control Segments

### Overview

This chapter describes the Electronic Data Interchange (EDI) control segments (interchange control segments and functional group segments). The control segment information was derived from the ASC X12 Standards Draft Version 3 Release 1 (003010).

### Purpose

This chapter identifies specific data requirement for formatting the EDI control segments when transmitting and receiving EDI transactions. The format and data content of the control segments is usually managed by EDI translation software. The data requirement described herein should be used to set control segment format when installing or initializing translation software for transmission and reception of EDI transaction.

### Contents

Two items are included in this chapter.

- Table 10.2-1, Interchange Control Segment Hierarchy describes the control segments in their order of occurrence in an EDI communications interchange.
- Table 10.2-2, DoD Convention ASC X12 Control Segments is a detailed description of the Department of Defense data conventions for formatting EDI standard control segments. All segments identified in Table 10.2-1 are broken down and described by their discrete data elements.



(Blank Page)

**TABLE 10.2-1**

**Control Segment Hierarchy**

(Blank Page)

		Interchange Control Envelope Control Segments				
Industry	Pos No.	Seg ID	Name	Req Des	Use	Loop
USE	10	ISA	Interchange Control Header	M	1	
USE	20	GS	Functional Group Header	M	1	
			•			
			• Grouped Transactions			
			•			
USE	30	GE	Functional Group Trailer	M	1	
USE	40	IEA	Interchange Control Trailer	M	1	

(Blank Page)

## TABLE 10.2-2

DoD Convention

ASC X12 Control Segments

{BLANK PAGE}

**Segment:** ISA Interchange Control Header

**Usage:** M

**Purpose:** To start and identify an interchange of one or more functional groups and interchange-related control segments. The actual values of the data element separator and the segment terminator for this interchange are set by the interchange control header. For a particular interchange, the value at the fourth character position is the data element separator, and the value of the last character position is the value of the segment terminator.

**Note:** The interchange control number value in this header must match the value in the same data element in the corresponding interchange control trailer.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ISA01	I01	Authorization Information Qualifier	M	ID 2/2
		Code to identify the type of information in the Authorization Information.		
		<u>Code</u>	<u>Definition</u>	
		00	No Authorization Information Present	
ISA02	I02	Authorization Information	M	AN10/10
		Information used for additional identification or authorization of the sender or the data in the interchange.		
ISA03	I03	Security Information Qualifier	M	ID 2/2
		Code to identify the type of information in the security information.		

Authorization Qualifier  
[001 ]

Authorization Info  
[002 ]

If no authorization information is agreed to by trading partners, fill field with zeroes.



Security Qualifier  
[003 ]

Code Definition

00 No security information present.

Security Info  
[004 ]

If no security information is  
agreed to by trading partners, fill  
field with zeroes.

ISA04 104 Security Information M AN10/10

This is used for identifying the security information  
about the sender or the data in the interchange.

Sender Qualifier  
[005 ]

Use authorized X12 code list.

ISA05 105 Interchange Id Qualifier M ID 2/2

Qualifier to designate the system/method of code  
structure used to designate the sender ID element  
being qualified.

Sender Id  
[006 ]

DoD activities use Department of  
Defense Activity Address Code  
(DoDAAC) or other code coor-  
dinated with the Defense Transpor-  
tation EDI Management Office.  
Non-DoD activities use identifica-  
tion code qualified by ISA05 and  
coordinated with the VAN.

ISA06 106 Interchange Sender's Id M ID 15/15

Identification code published by the sender for other  
parties to use as the receiver ID to route data to  
them.

Interchange Qualifier  
[007 ]

Use authorized X12 code list.

ISA07 105 Interchange Id Qualifier M ID 2/2

Code to identify the type of information in the  
Authorization Information.

Receiver Id  
[008 ]

For DoD activities, use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the Defense Transportation EDI Management Office. For Non-DoD activities, use identification code qualified by ISA07 and coordinated with the VAN.

Date  
[009 ]

Assigned by translation software.

Time  
[010 ]

Assigned by translation software.

Standards Id  
[011 ]

**ISA08 I07 Interchange Receiver's Id M ID 15/15**  
Identification code published by the receiver of the data.

**ISA09 I08 Interchange Date M DT 6/6**  
Date of the interchange.

**ISA10 I09 Interchange Time M TM 4/4**  
Time of the interchange.

**ISA11 I10 Interchange Control Standard Identifier M ID 1/1**  
Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer.

Code Definition

U U.S. EDI Community of ASC X12, TDCC, and UCS

**ISA12 I11 Interchange Control Version M ID 5/5**  
This version number covers the interchange control segments and the functional group control segments.

Version Id  
[012 ]  
Version ID as defined or agreed  
upon by the trading partners.

Interchange Control Number  
[013 ]  
Assigned by translation software.

Acknowledgment Request  
[014 ]  
Code value agreed upon by trad-  
ing partners.

Test Indicator  
[015 ]  
Code value agreed upon by trad-  
ing partners.

Code	Definition
00301	Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1990

ISA13 I12 Interchange Control Number M NO 9/9  
This number uniquely identifies the interchange data  
to the sender.

ISA14 I13 Acknowledgment Requested M ID 1/1  
Code sent by the sender to request an interchange ac-  
knowledgement.

Code	Definition
0	No Acknowledgment Requested
1	Interchange Acknowledgement Requested

ISA15 I14 Test Indicator M ID 1/1  
Code to indicate whether data enclosed by this inter-  
change envelope is test or production.

Code	Definition
P	Production Data
T	Test Data

ISA16 I15 Subelement Separator M AN 1/1  
This is a field reserved for future expansion in  
separating data element subgroups.

Subelement Separator  
[016 ]

**Segment:** GS Functional Group Header

**Usage:** M

**Purpose:** To indicate the beginning of a functional group and to provide control information

**Comment:** A. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

**Syntax Notes:** 01 The data interchange control number (GS06) in this header must be identical to the same data element in the associated Functional Group Trailer (GE02).

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GS01	479	Functional Id Code	M ID 2/2
		Code identifying a group of application related Transaction Sets.	

Functional Id  
[020 ]

#### Code Definition

Code	Definition
IA	110 - Air Freight Details and Invoice
IM	210 - Freight Details and Invoice (Motor)
MI	213 - Carrier Shipment Status Inquiry
QM	214 - Shipment Status Message
IR	410 - Freight Details and Invoice (Rail)
RA	820 - Payment Order/Remittance Advice
SI	858 - Shipment Information
FB	859 - Freight Invoice (Generic Mode)
CG	994 - Administrative Message
FA	997 - Functional Acknowledgement

Choose the code value appropriate to the information content of the functional group. See X12 Dictionary for source code list.

GS02	142	Application Sender's Code	M ID 2/12
		Code identifying party sending transmission. Codes agreed to by trading partners.	

Sender's Code  
[021]

DoD activities, use code "PP" to identify the transaction group as personal property. Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA06.

Receiver's Code  
[022]

DoD activities, use code "PP" to identify the transaction group as personal property. Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA08.

Date  
[023]

Assigned by translation software.

Time  
[024 ]

Assigned by translation software.

Group Control Number  
[025 ]

Assigned by translation software.

**GS03 124 Application Receiver's Code M ID 2/12**  
Code identifying party receiving transmission. Codes agreed to by trading partners.

**GS04 29 Group Date M DT 6/6**  
Date sender generated a functional group of transaction sets.

**GS05 30 Group Time M TM 4/4**  
Time (HHMM) when the sender generated a functional group of transaction sets (local time at sender's location).

**GS06 28 Group Control Number M NO 1/9**  
Assigned number originated and maintained by the sender.

Agency Code  
[026 ]

Indicates that an ANSI X12 standard is being transmitted.

Version/Release  
[027 ]

Code value agreed to by trading partners. See X12 Dictionary for source code list.

**GS07 455 Responsible Agency Code M ID 1/2**  
Code used in conjunction with Data Element 480 to identify the issuer of the standard.

Code	Definition
------	------------

X	Accredited Standards Committee X12
---	------------------------------------

**GS08 480 Version/Release/Industry Id Code M ID 1/12**  
Code indicating the version, release, subrelease and industry identifier of the EDI standard being used. (See X12 Dictionary)

Code	Definition
------	------------

003010	Draft Standards Approved By ASC X12 Through June 1990
--------	---

**Segment:** GE Functional Group Trailer

**Usage:** M

**Purpose:** To indicate the end of a functional group and to provide control information

**Comment:** A. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

**Syntax Notes:** 01 The data interchange control number (GE02) in this trailer must be identical to the same data element in the associated Functional Group Header (GS06).

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GE01	97	Number of Included Sets	M NO 1/6
		Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.	
GE02	28	Group Control Number	M NO 1/9
		Assigned number originated and maintained by the sender.	

Number of Segments  
[028 ]

Assigned by the translation  
software.

Group Control Number  
[029 ]

Assigned by the translation  
software. This control number  
must match the control number of  
the preceding GS06 control num-  
ber.



**Segment:** IEA Interchange Control Trailer

**Usage:** M

**Purpose:** To define the end of an interchange of one or more functional groups and interchange related control segments.

**Note:** The interchange control number in this trailer must match the value in the same data element in the corresponding interchange header.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IEA01	I16	Number of Included Functional Groups	M N0 1/5
		A count of the number of functional groups included in a transmission.	
IEA02	I12	Interchange Control Number	M N0 9/9
		This number uniquely identifies the interchange data to the sender.	

Functional Group Count  
[040 ]

Assigned by translation software.

Interchange Control Number  
[041 ]

Assigned by translation software.  
This number must match the number that occurs in ISA13.

## 10.5 DATA ELEMENT CROSS-REFERENCE MATRIX

### Overview

This chapter describes the data element cross-reference between the data requirement for generating electronic PPGBL's for Personal Property shipments and the X12.18 858 Shipment Information Transaction Set (Version 003010). We derived the cross-reference from the following:

- Analysis of Military Traffic Management Command (MTMC) technical documentation for generating the PPGBL.
- Analysis of X12.18 858 Shipment Information Transaction Set (Version 003010)
- Comments and support by key MTMC Personal Property Directorate representatives.

### Purpose

To take advantage of EDI technology, data must be transferred between a user database and an EDI translator. The first step to designing that data transfer, or "interface," is called the data mapping. To map data, one must designate a specific 858 Transaction Set segment for each discrete data element in the user database. When the data mapping is complete, the database/translator interface may be programmed. The table in this section is a map between the PPGBL and other related documents such as the statement of accessorial services (DD Form 619) and the 858 Transaction Set.

Table 10.5-1 provides a list of all generic data elements required to generate an Electronic PPGBL. This generic list reflects the data content of an automated PPGBL system. This table also maps each data element to a segment and data element in the 858 transaction set. This section is provided to help the user develop a custom data map between their data base and the 858 Transaction Set.

To ensure the integrity of the transaction set 858, all Department of Defense trading partners are urged to use this cross-reference as their data map or as a development tool for designing a data map. The final data map is then used to design and program the database/translator interface at the trading partner facility.

(BLANK PAGE)

## TABLE 10.5-1

### DATA ELEMENT CROSS-REFERENCE

**Military Traffic Management Command Data Requirement for Generating U.S. Government Bills of Lading - Privately Owned Personal Property (Standard Form 1203) using the X12.18 858 Shipment Information Transaction Set**

#### How To Read This Table

Table 10.5-1 cross-references discrete data elements of the MTMC Electronic PPGBL data requirement to the corresponding segment and data elements of the X12.18 858 Transaction Set. The following definitions explain how table 10.5-1 is organized. Understanding the information in this table requires knowledge of EDI standards and the PPGBL and other related shipment documentation.

#### Government References

The first three columns on the left in Table 10.5-1 identify the specific Electronic PPGBL data element.

- **GBL DATA NAME:** Lists individual data elements required for electronic bills of lading. The user should identify these elements with a data name in their internal database system.
- **INDEX:** Three entries may appear in this column and represent various levels of indexing used to sort the data names in a DoD convention data base.
- **Q:** An asterisk (\*) in this column identifies the data as a qualifier code.

#### EDI References

The remaining seven columns identify the detailed mapping of the data name into the 858 Transaction Set. These references also provide a direct map into the 858 Conventions in Chapter 10.7.

- **AREA:** The area of the transaction set where the data is mapped. A = header, B = detail, C = summary.
- **POS:** The position of a specific segment within the area of the transaction set.
- **REF DES:** The first two or three alphanumeric characters identify a transaction set segment; the last two numeric characters in the column identify a position in the segment.

- DE #: The EDI data element number that appears at that position in the segment.
- VALUE: The recommended code value(s) that should be used.
- DoD CONVENTIONS: Additional information about the data as they apply to Department of Defense use.
- DoD ReqDes: Indicates if the occurrence of the data element is mandatory or optional when generating an X12 transaction set.

### How To Use This Table

This table maps a data element to a specific data element in an X12 transaction set.

1. Select any data element from the DATA NAME list
2. Identify the AREA, POS, and REF DES for that DATA NAME
3. Go to Table 10.7-2 DoD Segment Hierarchy
4. Find the AREA (Table), and POS and REF DES segment id
5. Identify the page number of the segment id in the left hand column
6. Turn to that page number in Table 10.7-3
7. Find the REF DES of the cross-reference DATA NAME under the Ref. Des. column on the right hand side of the page

The data name from Table 10.5-1 appears in the right hand column along with its INDEX and the DoD CONVENTION. The X12 standard X12 definition of data element appears on the right hand side of the page.

Each data element from Table 10.5-1 can be mapped into the transaction set in this manner.

NOTE: The INDEX can be used to reference from Table 10.7-3 back to Table 10.5-1 by using the INDEX as a look up key.

(BLANK PAGE)

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DoD CONVENTION

Transaction Set Id [001 ] \* A 10 ST01 143 858 - X12.18 Shipment Information

See BX07 to identify type/purpose of the bill of lading.  
See BX01 to determine status/application of the bill of lading.

Transaction Set Control Number [002 ] A 10 ST02 329

Transaction Set Purpose Code [003 ] \* A 30 BX01 353 00 - Original  
01 - Cancellation  
04 - Change

Use existing X12 codes.

Transportation Method Code [004 ] \* A 30 BX02 91 J - Motor

Shipment Method of Payment [005 ] \* A 30 BX03 146 PP - Prepaid

GBL Number [006 027 G] A 30 BX04 145

The serial number, two alpha and six numbers, assigned to the PPGBL for a particular shipment. This data element should always be included in DoD shipment information.  
Note: Do not use any punctuation or special characters.

Transportation Company  
Tendered To (SCAC)

[007 002 ] A 30 BX05 140

The industry assigned alpha code representing the carrier that is tendered the shipment.

Bill Purpose/Application Type Code [008 ] \* A 30 BX07 147 4 - Household Goods Bill of Lading

Service Code Qualifier [009 003 ] \* A 60 N901 128 DY - DoD Transportation Service Code Number (Household Goods)

Service Code [010 003 ] A 60 N902 127

Quality in N901. Applicable code of service identified in DoD 4500.34R that identifies domestic interstate, intrastate, international, DPM, mobile home, POV, and boat shipments.

DITY Indicator

[010 010 ]    A    60    N903    369    D    - Do-It-Yourself  
Enter "D" if a portion of the shipment is a DITY move.

Transportation Control Number  
Qualifier

[011 ]    \*    A    60    N901    128    TG    - Transportation Control Number

Transportation Control Number  
(TCN)

[012 ]       A    60    N902    127

Qualify in N901.

Transaction Content ID Qualifier

[013 ]    \*    A    60    N901    128    FI    - File Identifier

Transaction Content ID

[014 ]       A    60    N902    127    DC    - Doubtful Claim  
DD7    - Direct Delivery + Seven Days  
DS    - Delivery To Storage  
DS7    - Delivery From Storage + Seven Days  
PU    - Pickup  
PU7    - Pickup + Seven Days  
SP    - Supplemental Bill

This data element identifies the application contents of the  
858. These are unique codes for DoD.

Authority For Shipment Order  
Number Qualifier

[015 011 ORD]\*    A    60    N901    128    OQ    - Order Number

Authority For Shipment Order  
Number

[016 011 ORD]    A    60    N902    127

The order number of the orders authorizing the shipment.  
Qualify in N901.

Authority For Shipment HQ or  
Issuing Agency Name

[017 011 ISS]    A    60    N903    369

The name of the service organization that issued the  
member's orders authorizing the shipment.

Authority Dated (Date Of Order)

[018 012 E]    A    60    N904    373

The date on which the orders were issued authorizing the  
shipment.

Consolidated GBL Shipment  
Number Qualifier

[019 025 G]    \*    A    60    N901    128    BL    - Government Bill of Lading



PPGBL DATA NAME INDEX Q A POS DES DE # VALUE DOD CONVENTION

Consolidated GBL Shipment  
Number

[020 025 G] A 60 N902 127

Qualify in N901. GBL number that references a shipment consolidated with this shipment.

Consolidated DPM/UB Shipment  
Number Qualifier

[021 018 ] \* A 60 N901 128 10 - Consolidation Shipment Number

Consolidated DPM/UB Shipment  
Number

[022 018 ] A 60 N902 127

Qualify in N901. Represents the sequence number and the ending serial number of DPM/UB shipments moving under the same GBL number. For example, the fifth DPM/UB transaction out of a total of 12 transactions (5 of 12) would be identified by a consolidation number expressed as "5" separated by a comma (",") , followed by "12".

Date B/L Prepared (GBL Issue  
Date) Qualifier

[023 005 ] \* A 110 G6201 432 84 - Government Bill of Lading Initiated Date

Date B/L Prepared (GBL Issue  
Date)

[024 005 ] A 110 G6202 373

Qualify in G6201. The date on which the GBL was printed at the origin installation. Use format YYMMDD.

Requested Packing Date Qualifier

[025 006 ] \* A 110 G6201 432 90 - Requested Pack Date

Requested Packing Date

[026 006 ] A 110 G6202 373

Qualify in G6201. The date the member or personal property shipping office (PPSO) has requested for packing. Use format YYMMDD.

Requested Pickup Date Qualifier

[027 007 ] \* A 110 G6201 432 10 - Requested Ship Date/Pick-up Date

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Requested Pickup Date	[028 007 ]	A	110	G6202	373	Qualify in G6201. The date the member/PPSO has requested for pickup. Use format YYMMDD.
Required Delivery Date Qualifier	[029 008 A]	*	A	110	G6201	432 54 - Delivery No Later Than Date
Required Delivery Date	[030 008 A]	A	110	G6202	373	Qualify in G6201. The date on which the shipment should be delivered. This date is one of the guidelines for determining a carrier's performance.
Date Of Receipt Of Shipment Qualifier	[031 033 B]	*	A	110	G6201	432 86 - Actual Pickup Date
Date Of Receipt Of Shipment	[032 033 B]	A	110	G6202	373	The date the associated shipment was actually picked up.
Date Of Delivery Of Shipment Qualifier	[033 035 ]	*	A	110	G6201	432 66 - Delivered On This Date
Date Of Delivery Of Shipment	[034 035 ]	A	110	G6202	373	The date when the complete shipment (e.g., the last portion if it is a split shipment), arrived at destination.
Firearms	[035 025 ]	A	200	H301	152	FA* - Firearms Need new X12 code.
Direct Delivery	[036 025 ]	A	200	H301	152	DD* - Direct Delivery Need new X12 code.
Reweigh Requested at Destination	[037 025 ]	A	200	H301	152	RWR* - Reweigh Requested Need new X12 code.
Government Owned Containers Ordered (GOCS)	[038 025 ]	A	200	H301	152	GOC - Government-Owned Containers Need new X12 code.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME

INDEX Q A POS DES REF VALUE DOD CONVENTION

Tender/Tariff/Special Rate  
Authority

[039 031 ] A 270 L702 168

The tariff identifier appears in this data field when a one-time-only, volume move, or other special solicitation is filed. Usually, this is a SCAC.

Tender/Tariff Number

[040 031 ] A 270 L703 171

When a one-time-only, volume move or other special solicitation is filed, use this data element for the tariff number. If filing against an existing solicitation, use this data element for the solicitation number.

Carrier Percent

[041 029 ] A 270 L711 119

The percentage of MTMC's linehaul and accessorail baseline rates that the carrier will charge for the shipment based upon the origin and destination combination. 110% is expressed as 11000 with an implied decimal in the second position.

Tender/Tariff Miles

[041 A ] A 270 L713 294

Distance used to calculate linehaul or long delivery from SIT charges.

Tender/Tariff Miles Qualifier

[041 B ] \* A 270 L714 295 T - Tariff Miles

Qualifies type of miles.

Appropriation Qualifier

[042 024 A] \* A 280 NTE01 363 APS - Appropriation Specifications

This qualifier must appear. Each appropriation number uses one NTE segment. The member's appropriation number must always be the first appropriation to appear.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Appropriation Type, Property  
Owner Qualifier and Number

[043 024 A] A 280 NTE02 3 1 - Full accounting classification in non-standard form  
2 - Full accounting classification in standard format presented in  
Appendix 10.F.  
3 - Movement designator code (MDC)  
4 - Air Force transportation account code (ATAC)  
5 - Transportation account code (TAC)  
6 - Navy appropriation (NMF)

Enter appropriation type code, property owner qualifier, and full accounting classification or an abbreviated code that identifies the funding appropriation for the shipment. These three data elements are separated with a comma (.). The appropriation type code appears first and qualifies the type of appropriation number (see codes above). The code that qualifies the appropriation as property owner (OW) or spouse (SX\*) appears second. The accounting classification appears third.

Appropriation Dollars Qualifier [044 010 ] \* A 280 NTE01 363 PAY - Payables

Appropriation Dollars [044 020 ] A 280 NTE02 3

Enter the dollar amount to be billed to the appropriation number listed in the appropriation NTE segment.

Change Notice Qualifier [044 A ] \* A 280 NTE01 363

Change Notice [044 B ] A 280 NTE02 3

Description of key changes or corrections to a previously submitted GBL.

Property Owner's Name [045 010 A] A 390 N102 93

Qualify in N101. The last name of the member making application for shipment of personal property.

Property Owner's Name Qualifier [046 010 A] \* A 390 N101 98 OW - Owner of Property

Property Owner's Social Security Number (SSN) Qualifier [047 010 B] \* A 390 N103 66 34 - Social Security Number

Property Owner's Social Security Number (SSN) [048 010 B] A 390 N104 67

Qualify in N103. The social security number of the member making application for shipment of personal property.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME	INDEX	Q	A	POS	REF DES	DE #	VALUE	DoD CONVENTION
Property Owner's Additional Name	[049 010 AA]	A	400	N201	93			The first name and middle initial of the member making application for shipment of personal property.
Property Owner's Rank or Pay Grade Qualifier	[050 010 C]	*	A	430	REF01	128	ML	Military Rank/Civilian Pay Grade Number
Property Owner's Rank or Pay Grade	[051 010 C]	A	430	REF02	127			Qualify in REF01. The pay grade or rank of the member making application for the shipment of personal property.
Member's Status	[052 010 D]	A	430	REF03	362			BLB - Blue Bark PCS - Permanent Change of Station RET - Retired SEP - Separated TDY - Temporary Duty  A code indicating type of orders the member has been issued.
Number of Dependents Less Than 12 Yrs Qualifier	[053 010 DP]	*	A	430	REF01	128	DU	Dependents Information
Number of Dependents Less Than 12 Yrs Code	[054 010 DP]	*	A	430	REF02	127	0	Number of Children/Dependents Less Than 12 Years Old.
Number of Dependents Less Than 12 Yrs	[055 010 DP]	A	430	REF03	362			Whole number that describes the number of dependents under 12 years of age. This data element is required only if dependents exist.
Number of Dependents Greater Than or Equal To 12 Yrs Qual	[056 010 DP]	*	A	430	REF01	128	DU	Dependents Information
Number of Dependents Greater Than or Equal To 12 Yrs Code	[057 010 DP]	*	A	430	REF02	127	1	Number of Children/Dependents Equal to or Greater Than 12 Years Old.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Number of Dependents Greater  
Than or Equal To 12 Yrs

[058 010 DP] A 430 REF03 352

Whole number that describes the number of dependents equal to or older than 12 years of age. This data element is required only if dependents exist.

Spouse's Name Qualifier

[059 010 A] \* A 390 N101 98 SX\* - Spouse

Need new X12 code.

Spouse's Name

[060 010 A] A 390 N102 93

Qualify in N101. The last name of the spouse of the member making application for shipment of personal property.

Spouse's Social Security Number  
(SSN) Qualifier

[061 010 B] \* A 390 N103 66 34 - Social Security Number.

Spouse's Social Security Number  
(SSN)

[062 010 B] A 390 N104 67

Qualify in N103. The social security number of the spouse of the member making application for shipment of personal property.

Spouse's Additional Name

[063 010 AA] A 400 N201 93

The first name and middle initial of the spouse of the member making application for shipment of personal property.

Spouse's Rank or Pay Grade  
Qualifier

[064 010 C] \* A 430 REF01 128 ML - Military Rank/Civilian Pay Grade Number

Spouse's Rank or Pay Grade

[065 010 C] A 430 REF02 127

Qualify in REF01. The pay grade or rank of the spouse of the member making application for the shipment of personal property.

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DoD CONVENTION

Spouse's Status [066 010 DJ] A 430 REF03 352 BLB - Blue Bark  
PCS - Permanent Change of Station  
RET - Retired  
SEP - Separated  
TDY - Temporary Duty

A code indicating type of orders the spouse of the member has been issued.

Consignee (CN) Name Qualifier [067 018 A] \* A 390 N101 98 CN - Consignee.

Consignee Name (CN) [068 018 A] A 390 N102 93

Qualify in N101. Either the name of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the last name of the member.

Additional Name (CN) [069 018 B] A 400 N201 93

The last name of an individual designated by the member to act as his/her representative at destination.

Street (CN) [070 018 C1] A 410 N301 166

Either the street address of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the street address part of the member's primary shipment delivery address. Use this space to carry characters 1-35 of this data.

Street (CN) Runover [071 018 C2] A 410 N302 166

Use this space to carry runover characters 36-49 from [018 C1] above.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GIL  
858.003010

City (CN)	[072 018 D]	A	420	N401	19	Either the city of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the city part of the member's primary shipment delivery address.	
State (CN)	[073 018 E]	A	420	N402	156	Either the name of the state of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the name of the state part of the member's primary shipment delivery address. For shipments destined to CONUS, Alaska, or Hawaii.	
Domestic Zip Code (CN)	[074 018 F]	A	420	N403	116	For domestic shipments, the zip code of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the zip code part of the member's primary shipment delivery address. For shipments destined to CONUS, Alaska, or Hawaii.	
Country (CN)	[075 018 F]	A	420	N404	26	The name of the country to which a shipment is to be delivered.	
County/Postal Code (CN) Qualifier	[076 018 F]	*	A	420	N405	309	CY - County/Parish IP - Postal
County (CN)	[077 018 F]	A	420	N406	310	Qualifies N406 for either domestic county or international postal code.	
						The name of the county or parish to which a shipment is to be delivered. For shipments destined to CONUS, Alaska, and Hawaii.	



DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DOD CONVENTION

International Zip Code (CN) [078 018 F] A 420 N406 310

Either the international APO or FPO of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the international APO or FPO part of the member's primary shipment delivery address. For shipments destined outside CONUS, Alaska, or Hawaii.

Ship From Name (SF) Qualifier [079 019 A] \* A 390 N101 98 SF - Ship From

Ship From Name (Origin - SF)  
(point of primary pickup) [080 019 A] A 390 N102 93

Quality in N101. Either the name of the NTS storage facility where the shipment was picked up or the last name of the member.

Additional Name (SF) [081 019 ] A 400 N201 93

The last name of an individual designated by the member to act as his/her representative at destination.

Street Address (SF) [082 019 B] A 410 N301 166

Either the street address of the warehouse where the shipment was picked up or the street address of the member's origin residence. Use for shipments originating from CONUS, Alaska, or Hawaii.

City (SF) [083 019 D] A 420 N401 19

Either the city of the warehouse where the shipment was picked up or the city of the member's origin residence.

State (-F) [084 019 E] A 420 N402 156

Either the name of the state of the warehouse where the shipment was picked up or the name of the state of the member's origin residence. For shipments originating from CONUS, Alaska, or Hawaii.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Domestic Zip Code (SF)	[085 019 F]	A	420	N403	116	Either: the zip code of the warehouse where the shipment was picked up or the zip code of the member's origin residence. For shipments originating from CONUS, Alaska, or Hawaii.	
Country (SF)	[086 019 G]	A	420	N404	26	The country in which the shipment is picked up.	
County/Postal Code (SF) Qualifier	[087 019 I]	*	A	420	N405	309	CY - County/Parish IP - Postal
County (SF)	[088 019 I]	A	420	N406	310	Qualifies the N406 for either domestic county or international postal code.	
County (SF)	[088 019 I]	A	420	N406	310	Either the county of the warehouse where the shipment was picked up or the county of the member's origin residence. For shipments originating from CONUS, Alaska, or Hawaii.	
International Zip Code (SF)	[089 019 F]	A	420	N406	310	Either the international APO or FPO code of the warehouse where the shipment was picked up or the zip code of the member's origin residence. For shipments originating from outside CONUS, Alaska, or Hawaii.	
Non-Temporary Storage Lot Number (SF) Qualifier	[090 019 ]	*	A	430	REF01	128	LT - Lot Number
Non-Temporary Storage Lot Number (SF)	[091 019 ]	A	430	REF02	127	Qualify in REF01.	
Destination Name (RH) Qualifier	[092 020 A]	*	A	390	N101	98	RH - Responsible Installation, Destination
Responsible Destination Installation/Office Name (RH)	[093 020 A]	A	390	N102	93	Qualify in N101. The name of the shipping activity responsible for providing destination services for the shipment.	

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME	INDEX	Q	A	POS	DES	DE #	VALUE	DoD CONVENTION
GBLOC (RH) Qualifier	[094 020 GBK]	*	A	390	N103	66	27	- Government Bill of Lading Office Code (GBLOC)
GBLOC (RH)	[095 020 GBK]	A	390	N104	67			The GBLOC of the shipping activity PPSO responsible for providing destination services for the shipment.
Rate Area Code (RH)	[096 020 ]	A	420	N406	310			The nine character identifier for the rate area of the shipment destination.
Rate Area (RH) Qualifier	[097 020 ]	*	A	420	N405	309	RA	- Rate Area Code
Agent Name At Origin (AG) Qualifier	[098 ]	*	A	390	N101	98	AG	- Agent
Agent Name At (AG) Origin	[099 ]	A	390	N102	93			Name of carrier's agent at origin.
Bill Charges To (PO) Name Qualifier	[100 021 ]	*	A	390	N101	98	PO	- Party To Receive Invoice
Bill Charges To (PO) ID Qualifier	[101 021 ]	*	A	390	N103	66	10 ZZ	- DoD Activity Address Code - Disbursing Station Symbol Number
Bill Charges To (PO) ID	[102 021 ]	A	390	N104	67			Qualify in N101 and N103.
Issuing Office (RG) Name Qualifier	[103 032 A]	*	A	390	N101	98	RG	- Responsible Installation, Origin
Issuing Office Name (RG)	[104 032 A]	A	390	N102	93			Qualify in N101. The name of the shipping activity responsible for providing origin services for the shipment.
GBLOC (RG) Qualifier	[105 032 GBK]	*	A	390	N103	66	27	- Government Bill of Lading Office Code (GBLOC)

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

GBLOC (RG)

[106 032 GBKD A 390 N104 67

The GBLOC of the shipping activity responsible for providing origin services for the shipment.

Rate Area Code (RG) Qualifier

[107 032 S] \* A 420 N405 309 RA - Rate Area

Rate Area Code (RG)

[108 032 S] A 420 N406 310

The nine character identifier for the rate area of the shipment origination. To be used for international shipments.

Authorized Ship From Name (AN) Qualifier

[109 025 A] \* A 390 N101 98 AN - Authorized From

Authorized Ship From Name (AN)

[110 025 ] A 390 N102 93

Enter 'AN' in this data element to satisfy X12 syntax.

City (AN)

[111 025 B] A 420 N401 19

This is the city in which the member is authorized a shipment from.

State (AN)

[112 025 C] A 420 N402 166

State in which the member is authorized to ship from.

Country (AN)

[113 025 E] A 420 N404 26

This is the country in which the member is authorized a shipment from.

County Qualifier (AN)

[114 025 F] \* A 420 N405 309 CY - County/Parish

County (AN)

[115 025 F] A 420 N406 310

This is the county in which the member is authorized a shipment from.

Authorized Ship To (AV) Qualifier

[116 025 A] \* A 390 N101 98 AV - Authorized To

Authorized Ship To (AV) Name

[117 025 ] A 390 N102 93

Use 'AV' in this data element to satisfy X12 syntax.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME

REF

Q

A

POS

DES

DE #

VALUE

DoD CONVENTION

City (AV)

[118 025 D]

A

420

N401

19

This is the city in which the member is authorized a shipment to be sent.

State (AV)

[119 025 E]

A

420

N402

156

This is the state in which the member is authorized a shipment to be sent.

Country (AV)

[120 025 F]

A

420

N404

26

This is the country in which the member is authorized a shipment to be sent.

County Qualifier (AV)

[121 025 G]

\*

A

420

N405

309

CY

- County/Parish

County (AV)

[122 025 G]

A

420

N406

310

This is the county in which the member is authorized a shipment to be sent.

SIT Origin Location Name (WO)  
Qualifier

[123 ]

\*

A

390

N101

98

WO

- Storage Facility At Origin

SIT Origin Location Name (WO)

[124 ]

A

390

N102

93

Qualify in N101. The name of the DoD approved warehouse. Used for storage-in-transit.

Street Address (WO)

[125 ]

A

410

N301

166

The street address of the DOD approved warehouse used for storage-in-transit.

City (WO)

[126 ]

A

420

N401

19

The city of the DoD approved warehouse used for storage-in-transit.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEN  
858.003010

State (WO)	[127 ]	A	420	N402	156	The state of the DoD approved warehouse used for storage-in-transit within CONUS, Alaska, or Hawaii.	
Domestic Zip Code (WO)	[128 ]	A	420	N403	116	The zip code of the DoD approved warehouse used for storage-in-transit within CONUS, Alaska, or Hawaii.	
Country (WO)	[129 ]	A	420	N404	26	The country of the DoD approved warehouse used for storage-in-transit.	
County/Postal Code (WO) Qualifier	[130 ]	A	420	N405	309	CY - County/Parish IP - Postal Qualifies N406 as either domestic county or international postal code.	
County (WO)	[131 ]	A	420	N406	310	The county of the DoD approved warehouse used for storage-in-transit within CONUS.	
International Zip Code (WO)	[132 ]	A	420	N406	310	The international APO or FPO code of the DoD approved warehouse used for storage-in-transit outside CONUS, Alaska, or Hawaii.	
SIT Control Number Qualifier (WO)	[132 010 ]	*	A	430	REF01	128	XC - Cargo Control Number
SIT Control Number (WO)	[132 020 ]	A	430	REF02	127	The number assigned to the shipment by the installation when placed into SIT.	
SIT Destination Location Name (WD) Qualifier	[133 ]	*	A	390	N101	98	WD - Storage Facility At Destination

## PPGBL DATA NAME

INDEX      REF      DE #      VALUE      DoD CONVENTION

SIT Destination Location Name  
(WD)

[134 ]      A      390      N102      93

Qualify in N101. The name of the DoD approved warehouse that is used to determine storage and mileage charges at destination.

Street Address (WD)

[135 ]      A      410      N301      166

The street address of the DoD approved warehouse that is used to determine storage and mileage charges at destination.

City (WD)

[136 ]      A      420      N401      19

The city of the DoD approved warehouse that is used to determine storage and mileage charges at destination.

State (WD)

[137 ]      A      420      N402      156

The state of the DoD approved warehouse that is used to determine storage and mileage charges at destination within CONUS, including Alaska, or Hawaii.

Domestic Zip Code (WD)

[138 ]      A      420      N403      116

The zip code of the DoD approved warehouse that is used to determine storage and mileage charges at destination within CONUS, including Alaska, or Hawaii.

Country (WD)

[139 ]      A      420      N404      26

The country of the DoD approved warehouse that is used to determine storage and mileage charges at destination.

County/Postal Code (WD) Qualifier

[140 ]      \*      A      420      N405      309      CY      - County/Parish  
IP      - Postal

Qualifies the N406 as either domestic county or international postal code.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEL  
858.003010

County (WD)	[141 ]	A	420	N406	310	The county of the Dod approved warehouse that is used to determine storage and mileage charges at destination within CONUS, including Alaska or Hawaii.	
International Zip Code (WD)	[142 ]	A	420	N406	310	The international APO or FPO code of the DOD approved warehouse used for storage-in-transit outside CONUS, Alaska, or Hawaii.	
SIT Control Number Qualifier	[142 010 ]	*	A	430	REF01	128	XC - Cargo Control Number
SIT Control Number (WD)	[142 020 ]	A	430	REF02	127	The number assigned to the shipment by the installation when placed into SIT.	
Termination Location (T3) Name Qualifier	[143 ]	*	A	390	N101	98	T3 - Termination Location +
Termination Location Name (T3)	[144 ]	A	390	N102	93	Qualify in N101. The location of termination of the shipment if shipment is terminated prior to completion.	
Street Address (T3)	[145 ]	A	410	N301	166		
City (T3)	[146 ]	A	420	N401	19		
State (T3)	[147 ]	A	420	N402	156		
Domestic Zip Code (T3)	[148 ]	A	420	N403	118		
Country (T3)	[149 ]	A	420	N404	26		
County/Postal Code (T3) Qualifier	[150 ]	*	A	420	N405	309	CY - County/Parish IP - Postal
County (T3)	[151 ]	A	420	N406	310	Qualifies N406 for either domestic county or international postal code.	
International Zip Code (T3)	[152 ]	A	420	N406	310		



DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME

INDEX Q A POS DES REF DE # VALUE DoD CONVENTION

Diversion From Location (T4)  
Name Qualifier

[153 ] \* A 390 N101 98 T4 - Transfer Point

Diversion From Location Name  
(T4)

[154 ] A 390 N102 93

Qualify in N102. Location that shipment is diverted or  
transferred from.

Street Address (T4)

[155 ] A 410 N301 166

City (T4)

[156 ] A 420 N401 19

State (T4)

[157 ] A 420 N402 156

Domestic Zip Code (T4)

[158 ] A 420 N403 116

Country (T4)

[159 ] A 420 N404 26

County/Postal Code Qualifier (T4)

[160 ] \* A 420 N405 309 CY - County/Parish  
IP - Postal

Qualifies the N406 for either domestic county or  
international postal code.

County (T4)

[161 ] A 420 N406 310

International Zip Code (T4)

[162 ] A 420 N406 310

Diversion To Location (T5) Name  
Qualifier

[163 ] \* A 390 N101 98 T5 - Transfer To

Diversion To Location Name (T5)

[164 ] A 390 N102 93

Qualify in N102. Location that shipment is diverted or  
transferred to.

Street Address (T5)

[165 ] A 410 N301 166

City (T5)

[166 ] A 420 N401 19

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

930415

10.5.25

State (T5)	[167 ]	A	420	N402	156
Zip Code (T5)	[168 ]	A	420	N403	116
Country (T5)	[169 ]	A	420	N404	26
County/Postal Code Qualifier (T5)	[170 ]	*	A	420	N405 309
					CY - County/Parish IP - Postal
County (T6)	[171 ]	A	420	N406	310
International Zip Code (T5)	[172 ]	A	420	N406	310
Alternate Terminal Qualifier	[172 010 ]	*	A	390	N101 98 TR - Terminal
Alternate Port or Terminal Code	[172 020 ]	A	390	N102	93

Qualifies the N406 for either domestic county or international postal code.

Use the authorized MTMC code of the alternate Military Ocean/Aerial Terminal (MOT/MAT) for code T and 5 shipments when rate solicitation item 528 applies. Use the authorized code, identified in the international personal property solicitation, of the alternate Aerial Port of Embarkation (APOE) or Aerial Port of Debarcation (APOD) used for Code J shipments when rate solicitation item 529 applies.

Extra Delivery Address Loop Start	[173 013 DV]	A	450	S501	165
-----------------------------------	--------------	---	-----	------	-----

Qualify in S502. Use sequential numbers. List in sequence of required delivery.

Extra Delivery Address Identifier	[174 013 DV]	*	A	450	S502 163 UL - Unload.
Extra Delivery Address (AE) Name Qualifier	[175 013 DV]	*	A	490	N101 98 AE - Additional Delivery Address.
Extra Delivery Address (AE) Name	[176 013 DV]	A	490	N102	93

Qualify in N101. The street address part of the address of the location designated as an additional delivery point. Use this space for characters 1-35.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME

INDEX

Q A POS

REF DES

DE #

VALUE

DoD CONVENTION

Extra Delivery Address (AE)  
Name Runover

[177 013 DV] A 500 N201 93

Use this space to carry runover characters 36-49 from  
N102 [013 DV] above.

City (AE)

[178 013 DV] A 520 N401 19

The city part of the address of the location designated as  
an additional delivery point.

State (AE)

[179 013 DV] A 520 N402 156

The state part of the address of the location designated as  
an additional delivery point. For shipments destined to  
CONUS, Alaska or Hawaii.

Domestic Zip Code (AE)

[180 013 DV] A 520 N403 116

The zip code part of the address designated as an  
additional delivery point. For shipments destined to CONUS,  
Alaska, or Hawaii.

Country (AE)

[181 013 DV] A 520 N404 26

The country to which a shipment of personal property is to  
be delivered when an additional delivery point is involved.

County/Postal Code (AE) Qualifier

[182 013 DV] \* A 520 N405 309

CY - County/Parish  
IP - Postal

Qualifies use of N406 as either domestic county code or  
international postal code.

County (AE)

[183 013 DV] A 520 N406 310

The county in which the additional delivery point is  
located. For shipments destined to CONUS.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

International Zip Code (AE)	[184 013 DV]	A	520	N406	310	The international APO or FPO part of the address designated as an additional delivery point. For shipments destined outside CONUS, Alaska, or Hawaii.
Extra Pickup Address Loop Start	[185 013 PK]	A	450	S501	165	Use sequential number. List in sequence of required pickup.
Extra Pickup Address Identifier	[186 013 PK]	*	A	450	S502	163 LD - Load.
Extra Pickup Address (AB) Name Qualifier	[187 013 PK]	*	A	490	N101	98 AB - Additional Pickup Address.
Extra Pickup (AB) Address Name	[188 013 PK]	A	490	N102	93	The street address part of the address of the location designated as an additional pickup point. Carry characters 1-35 here.
Extra Pickup Address (AB) Name Runover	[189 013 PK]	A	500	N201	93	Use this space to carry runover characters 36-49 from N102 [013 PK] above.
City (AB)	[190 013 PK]	A	520	N401	19	The city part of the address of the location designated as an additional pickup point.
State (AB)	[191 013 PK]	A	520	N402	156	The state part of the address of the location designated as an additional pickup point. For shipments originating from CONUS, Alaska, or Hawaii.
Domestic Zip Code (AB)	[192 013 PK]	A	520	N403	116	For domestic shipments, the zip code part of the address of the location designated as an additional pickup point. For shipments originating from CONUS, Alaska, or Hawaii.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME	INDEX	Q	A	POS	REF DES	DE #	VALUE	DOD CONVENTION
Country (AB)	[193 013 PK]	A	520	N404	26			The country in which a shipment is picked up when an additional pickup point is involved.
County/Postal Code (AB) Qualifier	[194 013 PK]	*	A	520	N405	309	CY - County/Parish IP - Postal	Qualifies the use of N406 as either domestic county or international postal code.
County (AB)	[195 013 PK]	A	520	N406	310			The county in which a shipment is picked up when an additional pickup point is involved. For shipments originating from CONUS.
International Zip Code (AB)	[196 013 PK]	A	520	N406	310			The international APO or FPO part of the address of the location designated as an additional pickup point. For shipments originating from outside CONUS, Alaska, or Hawaii.
Linehaul and Single Factor Rate and Charges Loop Qualifier	[197 029 ]	*	B	10	LX01	554	100 - Linehaul/Single Factor Rate and Charge Loop	This segment begins the loop used to describe linehaul and single factor rate and charges. Use one LX01 for each L108 (service identifier code).
Linehaul and Single Factor Rate and Charges Loop Add'l Qualif	[198 029 ]	*	B	140	L001	213	100 - Linehaul and Single Factor Rate and Charges Loop	Qualifier required to satisfy ANSI syntax (Loop 100).

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GIL  
858.003010

Service Rate

[199 029 ] B 150 L102 60

Base rate of transportation service. Rate is expressed with explicit decimal at second position from right. Qualify in L103. (Loop 100)

Service Rate Qualifier

[200 029 ] \* B 150 L103 122 CW - Per Hundredweight (Loop 100)  
FR - Flat Rate

Service Charge

[201 030 ] B 150 L104 58

The charge for transportation service. Decimal is implied at second position. (Loop 100)

Service Identifier Code

[202 029 ] B 150 L108 150 LHS\* - Linehaul/Single Factor Rate Service

Need new X12 code. (Loop 100)

Weights and Allowances Loop  
Qualifier

[203 028 ] \* B 10 LX01 554 200 - Weight Loop

This segment begins the loop used to describe weight information. Use one LX01 for each L004 (weight).

Reweigh Witnessed

[204 028 ] B 131 PER01 366 AU - Report Authorized

Can not be implemented until ASC X12 version 3 release 2 (003020) or greater is used for the 858 transaction set. Use "AU" to certify that reweigh was witnessed. Required only if L005 is "RN". (Loop 200)

Weight

[205 028 ] B 140 L004 81

Qualify in L005 and L011 (Loop 200).

Weight Unit Qualifier

[206 028 ] \* B 140 L005 187 E - Estimated Non-Temporary Storage  
G - Gross  
N - Net  
RG - Reweigh Gross Weight  
RN - Reweigh Net  
RT - Reweigh Tare Weight  
T - Tare  
WA - Administrative Allowance  
WB - Unaccompanied Baggage Weight  
WG - Professional Gear  
Z - Consumable Net (Loop 200)

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DoD CONVENTION

Weight Unit Qualifier

[207 028 ] \* B 140 L011 188 L - Pounds  
(Loop 200)

Accessorial Service Ordered Loop  
Qualifier

[208 ] \* B 10 LX01 554 301 - Accessorial Services Ordered at Origin  
302 - Accessorial Services Ordered at Destination  
Use one LX01 for each L108 (item number).

Stop Off Sequence Number  
Cross-Reference Qualifier

[208 020 ] \* B 100 N901 128 QN - Stop-off Sequence Number

Stop Off Sequence Number  
Cross-Reference

[208 025 ] \* B 100 N902 127

Number cross-references to field S501. Can be used to identify state where accessorial service is performed. Use only for personal property shipments with DoD accessorial item codes of 101 or any item that uses rates for item 101, 112, and 502, or any item that uses rates for item 502. Not required when service is performed at origin or destination.

Service Status Qualifier

[209 ] \* B 100 N901 128 1P - Accessorial Status Code  
(Loop 301/302)

Service Status Description Code

[210 ] B 100 N902 127 DO - Date Service Was Ordered  
(Loop 301/302).

Date Ordered

[211 ] B 100 N904 373

The date the additional service was ordered (Loop 301/302).

Service Status Qualifier

[212 ] \* B 100 N901 128 1P - Accessorial Status Code  
(Loop 301/302)

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Service Status Description Code [213 ] B 100 N902 127 DR - Date Service Was Requested To Be Performed (Loop 301/302).

Date Requested To Be Performed [214 ] B 100 N904 373  
The date the additional service was requested to be performed. (Loop 301/302)

Number of Units Ordered [215 ] B 140 L002 220  
The number of units (i.e. hours, 100 pounds, etc.) ordered by the installation for a specific additional service. If this number is fractional, carry the decimal (Loop 301/302).

Number of Units Ordered Qualifier [216 ] • B 140 L003 221  
CF - Cubic Foot  
EA - Each  
FR - Flat Rate  
LC - 100 Pounds  
NR - Containers  
RV - Released Value  
TD - Days  
TH - Hours

Reference code list in Appendix 10.F for application of this qualifier with Item Number (Loop 301/302).

Weight [216 010 ] B 140 L004 81

The weight of the personal property if L112 is 112A, 112B, 112C, 130D, 145B, 152D, 518A, 518C, or 534A.

Weight Qualifier [216 020 ] • B 140 L005 187 B - Billed weight

Weight Unit Qualifier [216 030 ] • B 140 L001 213 L - Pounds

Item Number Ordered [217 ] B 150 L108 150

ANSI X12 codes that represent standard item numbers from the MTMC domestic, international, or other rate solicitations or X12 codes that represent third party or miscellaneous services having no standard item equivalent. Reference the code list in Appendix 10.F for appropriate X12 codes. (Loop 301/302)



DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME INDEX Q A POS DES DE # VALUE DOD CONVENTION

Item ID Ordered 1218 ] B 150 L112 276

The standard MTMC item number plus a unique identifier of the additional service item or the third party/miscellaneous service description. Reference the code list in Appendix 10.F for application of this data element with Item Number. (Loop 301/302)

Higher Declared Release Value Ordered

1219 025 ] B 150 L114 74

The total dollar value that the member wishes to declare for the shipment. This value is required when the member wants more than basic coverage on the shipment. The amount the member quotes to the counselor is used to determine how much additional coverage the member will have to pay beyond what the Government pays for basic coverage. This data must be supplied only if L108 is coded 445 or 335. This data has an implied decimal at the second position (Loop 301/302)

Higher Declared Release Value Ordered Qualifier

1220 025 ] \* B 150 L115 122 BL - Bill of Lading Declared Value (Loop 301/302)

Accessorial Services Performed Loop Qualifier

1221 ] \* B 10 LX01 554 303 - Accessorial Services Performed At Origin  
304 - Accessorial Services Performed At Destination  
Use one LX01 for each L108 (Item Number).

Stop Off Sequence Number Cross-Reference Qualifier

1221 010 ] \* B 100 N901 128 QN - Stop-off Sequence Number

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GIL  
858.003010

Stop Off Sequence Number  
Cross-Reference

[221 020 ] B 100 N902 127

Number cross-references to field S501. Can be used to identify state where accessorial service is performed. Use only for personal property shipments with DoD accessorial item codes of 101 or any item that uses rates for item 101, 112, and 502, or any item that uses rates for item 502. Not required when service is performed at origin or destination.

Service Status Qualifier [222 ] \* B 100 N901 128 1P - Accessorial Status Code (Loop 303/304).

Service Status Description Code [223 ] \* B 100 N902 127 DP - Date Service Was Performed (Loop 303/304).

Date Performed [224 ] B 100 N904 373

The date the additional service was performed (Loop 303/304).

Service Status Qualifier [224 010 010] \* B 100 N901 128 1P - Accessorial Status Code (Loop 303/304).

Service Status Description Code [224 010 020] B 100 N902 127 DC - Date Service Was Certified

Date Certified [224 010 030] B 100 N904 373

The date the additional service was certified for payment by a DoD representative.

Number of Units Performed [225 ] B 140 L002 220

The number of units (i.e., hours, 100 pounds, etc) performed by the carrier for a specific additional service. If this number is fractional, carry the decimal. (Loop 303/304)

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DoD CONVENTION

Number of Units Performed  
Qualifier

[226 ] \* B 140 L003 221 CF - Cubic Foot  
EA - Each  
FR - Flat Rate  
LC - 100 Pounds  
NR - Containers  
RV - Released Value  
TD - Days  
TH - Hours

Reference code list in Appendix 10.F for application of this  
qualifier with Item Number (Loop 303/304).

Weight

[226 010 ] B 140 L004 81

The weight of the personal property if L112 is 112A,  
112B, 112C, 130D, 145B, 152D, 518A, or 534A.

Weight Qualifier

[226 020 ] \* B 140 L005 187 B - Billed weight

Weight Unit Qualifier

[226 030 ] \* B 140 L001 213 L - Pounds

Service Performed Rate

[227 ] B 150 L102 80

Rate of standard accessorial or negotiated third party  
service. Rate is expressed with explicit decimal at second  
position from right. (Loop 303/304)

Service Performed Rate Qualifier

[228 ] \* B 150 L103 122 CW - Per Hundredweight  
ER - Per Each Request  
FC - Flat Charge  
FR - Flat Rate  
MH - Per Hour  
MN - Minimum  
PA - Per Container  
PD - Per Day  
PF - Per Cubic Feet  
PH - Per \$100

Reference code list in Appendix 10.F for application of this  
qualifier with Item Number (Loop 303/304).

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Service Performed Charge	[229 ]	B	150	L104	58	The total charge for an accessorial third party, or special service. (Loop 303/304)
Item Number Performed	[230 ]	B	150	L108	150	ANSI X12 codes that represent standard item numbers from the MTMC domestic, international, or other rate solicitations or X12 codes that represent third party or miscellaneous services having no standard item equivalent. Reference the code list in Appendix 10.F for appropriate X12 codes. (Loop 303/304)
Item Id Performed	[231 ]	B	150	L112	276	The standard MTMC item number plus a unique identifier of the additional service item or the third party/miscellaneous service description. Reference the code list in Appendix 10.F for the application of this data element with Item Number (Loop 303/304).
Higher Declared Release Value	[232 025 ]	B	150	L114	74	The total dollar value that the member wishes to declare for the shipment. This value is required when the member wants more than basic coverage on the shipment. The amount the member quotes to the counselor is used to determine how much additional coverage the member will have to pay beyond what the Government pays for basic coverage. This data must be supplied only if L108 is coded 445 or 335. This data has an implied decimal at the second position. (Loop 303/304)
Higher Declared Release Value Performed Qualifier	[233 025 ]	B	150	L115	122	BL - Bill of Lading Declared Value (Loop 303/304)
Surcharge Loop Qualifier	[234 025 ]	B	10	LX01	554	305 - Surcharge Loop This segment begins the series of segments used to describe a surcharge. If a surcharge applies to the shipment, this segment must be used.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DoD CONVENTION

Type of Service Identifier

[235 029 ] \* B 140 L001 213 305 - Surcharge Loop  
If 305 is used in LX01, this qualifier must appear. (Loop 305).

Surcharge Rate

[236 029 ] B 150 L102 60

A surcharge is expressed as either a percent of total linehaul, a flat charge for the shipment or a rate per hundred weight. Express with implied decimal at second position. Qualify in L103. (Loop 305)

Surcharge Rate Qualifier

[237 029 ] \* B 150 L103 122 CT - Charge Based on Percentage of Total  
CW - Per Hundredweight  
FC - Flat Charge  
(Loop 305).

Surcharge

[238 030 ] B 150 L104 58

The surcharge amount allowed. (Loop 305)

Surcharge Identifier

[239 029 ] \* B 150 L108 150 100 - Air Surcharge  
405 - Fuel Surcharge  
BSC - Bunker Surcharge  
CON - Port Congestion Surcharge  
WAR - War Risk Surcharge  
(Loop 305).

Storage In Transit (SIT) Loop Qualifier

[240 ] B 10 LX01 554 401 - Storage In Transit Loop At Origin  
402 - Storage in Transit Loop at Destination

Use one LX01 for each unique N902 (SIT Control Number).

SIT Control Number Qualifier

[241 ] \* B 100 N901 128 XC - Cargo Control Number  
(Loop 401/402).

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEL  
858.003010

SIT Control Number	[242 J	B	100	N902	127	The number assigned the shipment by the installation when placed into SIT. (Loop 401/402)
SIT Days Authorized	[243 025 TA]	B	100	N903	369	The number of days of storage authorized for this shipment by the responsible installation. (Loop 401/402)
SIT Date Converted to Member Expense Qualifier	[244 025 TB]	*	B	100	N901 128 1R	- Storage Information Code (Loop 401/402).
SIT Date Converted to Member Expense ID	[245 025 TB]	B	100	N903	369 12	- SIT Converted to Member's Expense Date (Loop 401/402).
SIT Date Converted to Member Expense	[246 025 TB]	B	100	N904	373	The date on which the shipment or portion in storage was converted to member's expense thus terminating the Government responsibility for payment of storage beyond this date. (Loop 401/402)
SIT Date Qualifier	[247 J	*	B	100	N901 128 1R	- Storage Information Code (Loop 401/402).
SIT Date In ID	[248 J	*	B	100	N903 369 10	- Storage In (Loop 401/402).
SIT Date In	[249 J	B	100	N904	373	The date on which the shipment or portion of the shipment was placed in storage. (Loop 401/402).
SIT Date Qualifier	[250 J	*	B	100	N901 128 1R	- Storage Information Code (Loop 401/402)

PPGBL DATA NAME INDEX Q A POS DES REF DE # VALUE DOD CONVENTION

SIT Date Out ID	[251 ]	*	B	100	N903	369	11	- Storage Out (Loop 401/402)
SIT Date Out	[252 ]		B	100	N904	373		The date on which the shipment or portion was removed from storage. (Loop 401/402)
SIT Weight In	[253 ]		B	140	L004	81		Net weight moved into storage-in-transit (Loop 401/402).
SIT Weight In Weight Qualifier	[254 ]	*	B	140	L005	187	SI	- SIT Weight In * Need new X12 code. (Loop 401/402)
SIT Weight In Unit Qualifier	[255 ]	*	B	140	L011	188	L	- Pounds (Loop 401/402).
SIT Weight Out	[256 ]		B	140	L004	81		Net weight moved out of storage-in-transit (Loop 401/402).
SIT Weight Out Weight Qualifier	[257 ]	*	B	140	L005	187	SO	- SIT Weight Out * Need new X12 code. (Loop 401/402)
SIT Weight Out Unit Qualifier	[258 ]		B	140	L011	188	L	- Pounds
Entitlements Qualifier	[259 025 C]	*	B	10	LX01	554	500	- Entitlements Cost Use for mobile home cost allowance, excess cost paid at origin, higher declared/release value.
Entitlement Sub Qualifier	[260 025 C1]	*	B	140	L001	213		Use value '500' to satisfy ANSI syntax requirements.

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEL  
858.003010

Mobile Home Cost	[261 025 C1]	B	150	L104	58	The amount of dollars a member is authorized to expend on a mobile home shipment based upon a PCS entitlement between authorized origin and destination. This data has an implied decimal at the second position. (Loop 500)
Excess Cost Paid At Origin	[262 025 C2]	B	150	L106	117	The amount of excess cost associated with the shipment that was collected from the member by the origin installation. This data has an implied decimal at the second position. (Loop 500)
Mobile Home Loop Qualifier	[263 027 ]	*	B	10	LX01	554 600 - Mobile Home Loop
Mobile Home Serial Number Qualifier	[264 027 ]	*	B	100	N901	128 SE - Serial Number (Loop 600).
Mobile Home Serial Number	[265 027 ]	B	100	N902	127	Qualify in N901 (Loop 600).
Mobile Home Make and Model	[266 027 ]	B	100	N903	369	The make of the mobile home followed by a "-" followed by the model of the mobile home. (Loop 600).
Mobile Home Year	[267 027 ]	B	100	N904	373	The year of the mobile home. Use format YYMMDD. Use "01" for DD and MM as filler. (Loop 600)
Mobile Home Expando Description	[268 027 ]	B	130	L502	79	The description of the mobile home. (Loop 600)
Mobile Home Measurement Loop Qualifier	[269 027 ]	*	B	140	L001	213 600 - Mobile Home Measurement Loop



PPGBL DATA NAME

REF

INDEX

Q

A

POS

DES

DE #

VALUE

DOD CONVENTION

Mobile Home Dimension Qualifier

[270 030 ]

\*

B

160

MEA02

738

HT - Height  
LN - Length  
WD - Width

(Loop 600)

Mobile Home Measurement

[271 027 ]

B

160

MEA03

739

Mobile home measurements. Qualify in MEA02. (Loop 600)

Mobile Home Measurement Units Qualifier

[272 027 ]

\*

B

160

MEA04

355

FT - Foot

(Loop 600).

Vehicle Loop Qualifier

[273 027 ]

\*

B

10

LX01

554

700 - Vehicle Loop

Use one LX01 for each N902 (vehicle serial number).

Vehicle Serial Number Qualifier

[274 027 ]

\*

B

100

N901

128

SE - Serial Number

(Loop 700).

Vehicle Serial Number

[275 027 ]

B

100

N902

127

Qualify in N901 (Loop 700).

Vehicle Make and Model

[276 027 ]

B

100

N903

369

The make of the vehicle followed by a "." followed by the model of the vehicle. (Loop 700)

Vehicle Description

[277 027 ]

B

130

L502

79

1 - POV Drivable  
2 - POV Not Drivable  
3 - Motorcycle

(Loop 700).

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

Total Shipment Charge

[278 030 ] C 10 L305 58

The total charge for the shipment. Decimal is implied at second position.

Number of Pieces

[279 026 ] C 10 L311 80

The total number of pieces in the shipment.

Number of Included Segments

[280 099 A] C 20 SE01 96

Transaction Set Control Number

[291 099 B] C 20 SE02 329

(Blank Page)

## 10.7 DoD CONVENTIONS

### Overview

This chapter is the convention for the X12.18 858 Shipment Information Transaction Set (Version 003010) as used by the Department of Defense for generating Electronic Personal Property Government Bills of Lading (PPGBL). It was derived from:

- Table 10.5-1, Data Element Cross-Reference Matrix that describes the data requirement for generating Electronic PPGBL's for personal property shipments
- ASC X12 Database 003010, copyright 1991 Data Interchange Standards Association (DISA).

A relational database management system was used to merge the Data Element Cross-Reference Matrix and the X12 Database into the subset of 858 segments described in table 10.7-3 of this chapter.

### Purpose

This chapter contains all necessary information for a DoD trading partner to read and understand an 858 Transaction Set that carries a PPGBL data set. All trading partners who plan to exchange this 858 Transaction Set with the Department of Defense can use this document as a reference for the development of their X12 translator/database interface program.

### Contents

Three tables are included in this chapter.

- Table 10.7-1, X12.18 Shipment Information Transaction Set 858 Segment Hierarchy describes the 858 segments as they appear in the ASC X12 Standards Dictionary.
- Table 10.7-2, Sample DoD Model Shipment Information Transaction Set 858 Segment Hierarchy describes the subset of 858 segments used for the DoD PPGBL.
- Table 10.7-3, Conventions is a detailed description of the Department of Defense conventions for generating an 858 transaction set for a PPGBL. All segments identified in Table 10.7-2 are detailed in Table 10.7-3 by segment, position, and code value.

(BLANK PAGE)

## TABLE 10.7-1

### SEGMENT HIERARCHY

X12.18 TRANSACTION SET 858  
SHIPMENT INFORMATION  
(Version 003010)

{BLANK PAGE}

ASC X12.18 Shipment Information  
Transaction Set 858 (Version 003010)  
Segment Hierarchy

Table 1 - Header Area					
Industry	Pos No.	Seg ID	Name	Req Des	Use Loop
USE	10	ST	Transaction Set Header	M	1 ST1
	20	ZC1	Beginning Segment For Data Correction Or Change	O	1
USE	30	BX	General Shipment Information	M	1
	40	BNX	Rail Shipment Information	O	1
USE	50	M3	Release	O	1
	60	N9	Reference Numbers	O	30
USE	65	CM	Cargo Manifest	O	3
	70	Y6	Authentication	O	4
USE	80	Y7	Priority	O	1
	90	C3	Currency	O	1
USE	100	ITD	Terms And Conditions	O	1
	110	G62	Date/Time	O	10
USE	120	PER	Administrative Contact	O	3
	130	NA	Equipment/Bill Of Lading Cross Reference	O	999
USE	140	F9	Origin Station	O	1
	150	D9	Destination Station	O	1
USE	160	R1	Route Information (Air)	O	1
	170	R2	Route Information	O	13
USE	175	R3	Route Information - Motor	O	13
	180	R4	Port	O	5
USE	190	MEA	Measurements *	O	1
	200	H3	Special Handling	O	20
USE	201	PS	Protective Service Instructions *	O	5
	210	H6	Special Services	O	6
USE	220	E1	Empty Car Dis-Pended Dest Consignee	O	1
	230	E4	Empty Car Dis-Pended Dest City	O	1
USE	240	E5	Empty Car Dis-Pended Dest Route	O	13
	250	M1	Insurance	O	1
USE	260	M2	Sales/Delivery Terms	O	1
	270	L7	Tariff Reference	O	30
USE	280	NTE	Note/Special Instructions	O	30
	290	XH	Pro Forma - B13 Information	O	1
USE	300	GA	Canadian Grain Information	O	1



	330 N7	Equipment Detail	O	1	N7\600
	335 NA	Equipment/Bill Of Lading Cross Reference	O	30	
	340 M7	Seal Numbers	O	5	
	350 N5	Equipment Ordered	O	1	
	360 REF	Reference Numbers	O	5	
	370 IC	Intermodal Chassis Equipment	O	1	
	380 VC	Motor Vehicle Control	O	21	
USE	390 N1	Name	O	1	N1\10
USE	400 N2	Additional Name Information	O	2	
USE	410 N3	Address Information	O	2	
USE	420 N4	Geographic Location	O	1	
USE	430 REF	Reference Numbers	O	12	
	440 PER	Administrative Contact	O	3	
USE	450 S5	Stop-Off Details	O	1	S5\5
	460 G62	Date/Time	O	6	
	470 N9	Reference Numbers	O	10	
	480 H6	Special Services	O	6	
USE	490 N1	Name	O	1	N1\5
USE	500 N2	Additional Name Information	O	2	
	510 N3	Address Information	O	2	
USE	520 N4	Geographic Location	O	1	
	530 REF	Reference Numbers	O	12	
	540 PER	Administrative Contact	O	3	

Table 2 - Detail Area

Industry	Pos Seg No. ID	Name	Req Des	Use	Loop
USE	10 LX	Sequence Number	M	1	LX\999
	20 N7	Equipment Detail	O	1	
	30 NA	Equipment/Bill Of Lading Cross Reference	O	1	
	40 M7	Seal Numbers	O	5	
	50 N5	Equipment Ordered	O	1	
	60 REF	Reference Numbers	O	5	
	70 IC	Intermodal Chassis Equipment	O	1	

USE	80 VC	Motor Vehicle Control	O	24	
	90 L7	Tariff Reference	O	10	
	100 N9	Reference Numbers	O	10	
	110 X1	Export License	O	6	
USE	120 X2	Import License	O	1	
	130 L5	Description Marks And Numbers	O	10	
USE	140 L0	Line Item Quantity And Weight	O	1	L0\10
USE	150 L1	Rate And Charges	O	20	
USE	160 MEA	Measurements	O	10	
	170 LH1	Hazardous Identification Information	O	1	LH1\100
	180 LH2	Hazardous Classification Information	O	2	
	190 LH3	Haz Mat Shipment Name	O	10	
	200 LH4	Canadian Dangerous Requirements	O	1	
	210 LHR	Haz Mat Reference Number	O	10	
	220 LHE	Empty Equipment Hazardous Requirements	O	1	
	230 LH5	Hazardous Material Shipment Contacts	O	2	
	240 LH6	Hazardous Certification	O	5	

Table 3 - Summary Area

Industry	Pos Seg No. ID	Name	Req Des	Use	Loop
USE	10 L3	Total Weight And Charges	O	1	
USE	20 SE	Transaction Set Trailer	M	1	

(BLANK PAGE)

## TABLE 10.7-2

### SEGMENT HIERARCHY

DoD MODEL FOR TRANSACTION SET  
858 SHIPMENT INFORMATION

{BLANK PAGE}

DoD Model Transaction Set 858  
Shipment Information  
Segment Hierarchy

Table 1 - Header Area

Page No.	Pos No.	Seg ID	Name	Req Des	Use	Loop
15	10	ST	Transaction Set Header	M	1	ST\1
16	30	BX	General Shipment Information	M	1	
18	60	N9	Reference Numbers	O	30	
21	110	G62	Date/Time	O	10	
24	200	H3	Special Handling	O	20	
26	270	L7	Tariff Reference	O	30	
29	280	NTE	Note/Special Instructions	O	30	
31	390	N1	Name	O	1	N1\10
38	400	N2	Additional Name Information	O	2	
39	410	N3	Address Information	O	2	
41	420	N4	Geographic Location	O	1	
51	430	REF	Reference Numbers	O	12	
55	450	S5	Stop-Off Details	O	1	S5\5
57	490	N1	Name	O	1	N1\5
59	500	N2	Additional Name Information	O	2	
60	520	N4	Geographic Location	O	1	

Table 2 - Detail Area

Page No.	Pos No.	Seg ID	Name	Req Des	Use	Loop
64	10	LX	Sequence Number	M	1	LX\999
67	100	N9	Reference Numbers	O	10	
74	130	L5	Description Marks And Numbers	O	10	
77	140	L0	Line Item Quantity And Weight	O	1	L0\10
80	150	L1	Rate And Charges	O	20	
89	160	MEA	Measurements	O	10	

Table 3 - Summary Area

Page No.	Pos No.	Seg ID	Name	Req Des	Use	Loop
91	10	L3	Total Weight And Charges	0	1	
93	20	SE	Transaction Set Trailer	M	1	

## TABLE 10.7-3

### DoD 858 CONVENTIONS

#### How To Read This Table

This table contains two sets of references. ASC X12 references are contained in the right-hand column. Government references are contained in the left-hand column except for codes lists which are included in the right-hand column.

#### Government References

The left-hand and middle columns in Table 10.7-3 describe Department of Defense conventions.

- Left-hand column: Contains three general references. Mandatory (or Optional): Appears for a segment and also for positions in a segment. These indicate the Department of Defense conventions.
  - > PPGBL data name: Corresponds to a specific PPGBL DATA NAME from Table 10.5-1.
  - > PPGBL index: Corresponds to a specific PPGBL INDEX from Table 10.5-1.
- Middle column: Contains a less-than sign to indicate where Department of Defense conventions vary from the ASC X12 convention.

The Government references should be used to trace data elements back to Chapter 10.5 to help the user determine the source of data.

#### ASC X12 References

The right-hand column describes the ASC X12 conventions. The paragraph included at the beginning of a segment description is standard ASC X12 information. The paragraph that follows "Purpose:" in the right-hand column of Table 10.7-1 describes the Department of Defense convention for the segment. The subheadings listed under Data Element Summary describe conventions for each data element in the segment.

- > Ref Des, Data Element, Attributes: Three subheadings describe the format of the segment as prescribed by ASC X12.
- > Name: Describes the X12 data element and offers the ASC X12 definition. It also lists the specific code values the Department of Defense prescribes and may provide other Department of Defense information.



## How To Use This Table

This table can be used to identify the data contained in populated transaction set.

1. Identify a segment from a populated X12 transaction set (See Appendix 10.C for examples).
2. Look up the segment in table 10.7-3 (this table).
3. Read the right-hand column to identify a Reference Designator (Ref.Des.). The Reference Designator combines the segment id and the position of a data element within the segment to form a single identifier.
4. Read the left-hand column immediately adjacent to the Reference Designator to find the DATA NAME, INDEX, and DoD CONVENTION that are mapped to that Reference Designator. When multiple DoD DATA NAMES appear for a single Reference Designator, there is usually an X12 code qualifier somewhere in the same segment that identifies the data.

NOTE: The INDEX from the left-hand column can be used to identify the DATA NAME in Table 10.5-1.

**Segment:** ST Transaction Set Header  
**Level:** A  
**Sequence:** 10  
**Usage:** M  
**Max Use:** 1  
**Loop:** ST  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Comment:** A. The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ST01	143	Transaction Set Identifier Code	M ID 3/3
Code uniquely identifying a Transaction Set.			

Transaction Set Id  
[001 \*]

See BX07 to identify type/purpose of the bill of lading. See BX01 to determine status/application of the bill of lading.

Code	Definition
858	X12.18 Shipment Information

ST02	329	Transaction Set Control Number	M AN 4/9
Identifying control number assigned by the originator for a transaction set.			

Transaction Set Control  
Number  
[002 ]

**Segment:** BX General Shipment Information  
**Level:** A  
**Sequence:** 30  
**Usage:** M  
**Max Use:** 1  
**Loop:**  
**Purpose:** To transmit identification numbers and other basic shipment data  
**Comment:** A. BX05 contains the SCAC of the original carrier receiving the shipment

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
-----------	--------------	------	------------

BX01	353	Transaction Set Purpose Code	M ID 2/2
------	-----	------------------------------	----------

Code identifying purpose of transaction set.

Transaction Set Purpose Code  
[003 \*]

Use existing X12 codes.

#### Code Definition

00	Original
01	Cancellation
04	Change

BX02	91	Transportation Method/Type Code	M ID 1/2
------	----	---------------------------------	----------

Code specifying the method or type of transportation for the shipment.

Transportation Method Code  
[004 \*]

#### Code Definition

J	Motor
---	-------

BX03	146	Shipment Method Of Payment	M ID 2/2
------	-----	----------------------------	----------

Code identifying payment terms for transportation charges.

Shipment Method of Payment  
[005 \*]

#### Code Definition

PP	Prepaid
----	---------

BX04	145	Shipment Identification Number	O AN 1/30
------	-----	--------------------------------	-----------

Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject

**GBL Number**  
**[006 027 G ]**

The serial number, two alpha and six numbers, assigned to the PPGBL for a particular shipment. This data element should always be included in DoD shipment information. Note: Do not use any punctuation or special characters.

**Transportation Company  
Tendered To (SCAC)**  
**[007 002 ]**

The industry assigned alpha code representing the carrier that is tendered the shipment.

**Bill Purpose/Application Type  
Code**  
**[008 \*]**

to modification. (Does not contain blanks or special characters.)

**BX05 140 Standard Carrier Alpha Code O ID 2/4**  
Standard Carrier Alpha Code

**BX06 188 Weight Unit Qualifier O ID 1/1**

**BX07 147 Shipment Qualifier O ID 1/1**  
Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time.

**Code** **Definition**

4 Household Goods Bill of Lading

**BX08 226 Section Seven Code O ID 1/1**

**BX09 195 Capacity Load Code O ID 1/1**

**BX10 160 Status Report Request Code O ID 1/1**

**BX11 501 Customs Documentation O ID 2/2**  
Handling Code

**BX12 199 Confidential Billing Request Code O ID 1/1**

Segment: N9 Reference Numbers

Level: A

Sequence: 60

Usage: M

Max Use: 30

Loop:

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes: 01 At least one of N902 or N903 must be present.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	

Service Code Qualifier  
[009 003 \*]

#### Code Definition

DY	DOD Transportation Service Code Number (Household Goods)
----	---

Transportation Control  
Number Qualifier  
[011 \*]

#### Code Definition

TG	Transportation Control Number
----	-------------------------------

Transaction Content ID  
Qualifier  
[013 \*]

#### Code Definition

FI	File Identifier
----	-----------------

Authority For Shipment  
Order Number Qualifier  
[015 011 ORD \*]

#### Code Definition

OQ	Order Number
----	--------------

Consolidated GBL Shipment  
Number Qualifier  
[019 025 G \*]

#### Code Definition

BL	Government Bill of Lading
----	---------------------------

Consolidated DPM/UB  
Shipment Number Qualifier  
[021 018 \*]

Code Definition

10 Consolidation Shipment Number

Service Code  
[010 003 ]

Qualify in N901. Applicable code of service identified in DoD 4500.34R that identifies domestic interstate, intrastate, international, DPM, mobile home, POV, and boat shipments.

Transportation Control  
Number (TCN)  
[012 ]

Qualify in N901.

Transaction Content ID  
[014 ]

This data element identifies the application contents of the 858. These are unique codes for DoD.

N902 127 Reference Number C AN 1/30  
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Code Definition

DC Doubtful Claim  
DD7 Direct Delivery + Seven Days  
DS Delivery To Storage  
DS7 Delivery From Storage + Seven Days  
PU Pickup  
PU7 Pickup + Seven Days  
SP Supplemental Bill

Authority For Shipment  
Order Number  
[016 011 ORD ]

The order number of the orders authorizing the shipment. Qualify in N901.

**Consolidated GBL Shipment  
Number**  
[020 025 G ]

Qualify in N901. GBL number that  
references a shipment con-  
solidated with this shipment.

**Consolidated DPM/UB  
Shipment Number**  
[022 018 ]

Qualify in N901. Represents the  
sequence number and the ending  
serial number of DPM/UB ship-  
ments moving under the same  
GBL number. For example, the  
fifth DPM/UB transaction out of a  
total of 12 transactions (5 of 12)  
would be identified by a consolida-  
tion number expressed as "5"  
separated by a comma (",") , fol-  
lowed by "12".

**DITY Indicator**  
[010 010 ]

Enter "D" if a portion of the ship-  
ment is a DITY move.

**Authority For Shipment HQ  
or Issuing Agency Name**  
[017 011 ISS ]

The name of the service organiza-  
tion that issued the member's or-  
ders authorizing the shipment.

**Authority Dated (Date Of  
Order)**  
[018 012 E ]

The date on which the orders  
were issued authorizing the ship-  
ment.

**N903 369 Free-Form Description C AN 1/45**  
Free-form descriptive text.

**Code Definition**

D Do-It-Yourself

**N904 373 Date O DT 6/6**  
Date (YYMMDD).

**N905 337 Time O TM 4/4**

Segment: **G62** Date/Time

Level: **A**

Sequence: **110**

Usage: **C**

Max Use: **10**

Loop:

Purpose: To specify pertinent dates and times

Syntax Notes: 01 At least one of G6201 or G6203 must be present.

02 If either G6201 or G6202 is present, then the other is required.

04 If either G6203 or G6204 is present, then the other is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	432	Date Qualifier	C ID 2/2
		Code specifying type of date.	

Date B/L Prepared (GBL  
Issue Date) Qualifier  
[023 005 \*]

Code	Definition
84	Government Bill of Lading Initiated Date

Requested Packing Date  
Qualifier  
[025 006 \*]

Code	Definition
90	Requested Pack Date

Requested Pickup Date  
Qualifier  
[027 007 \*]

Code	Definition
10	Requested Ship Date/Pick-up Date

Required Delivery Date  
Qualifier  
[029 008 A \*]

Code	Definition
54	Delivery No Later Than Date

Date Of Receipt Of  
Shipment Qualifier  
[031 033 B \*]

Code	Definition
86	Actual Pickup Date



Date Of Delivery Of  
Shipment Qualifier  
[033 035 \*]

Code Definition

66 Delivered On This Date

G6202 373 Date C DT 6/6  
Date (YYMMDD).

Date B/L Prepared (GBL  
Issue Date)  
[024 005 ]

Qualify in G6201. The date on  
which the GBL was printed at the  
origin installation. Use format  
YYMMDD.

Requested Packing Date  
[026 006 ]

Qualify in G6201. The date the  
member or personal property ship-  
ping office (PPSO) has requested  
for packing. Use format YYM-  
MDD.

Requested Pickup Date  
[028 007 ]

Qualify in G6201. The date the  
member/PPSO has requested for  
pickup. Use format YYMMDD.

Required Delivery Date  
[030 008 A ]

Qualify in G6201. The date on  
which the shipment should be  
delivered. This date is one of the  
guidelines for determining a  
carrier's performance.

Date Of Receipt Of Shipment  
[032 033 B ]

The date the associated shipment  
was actually picked up.

Date Of Delivery Of  
Shipment  
[034 035 ]

The date when the complete shipment (e.g., the last portion if it is a split shipment), arrived at destination.

G6203 176 Time Qualifier

C ID 1/1

G6204 337 Time

C TM 4/4

G6205 623 Time Code

O ID 2/2

Segment: H3 Special Handling

Level: A

Sequence: 200

Usage: O

Max Use: 15

Loop:

Purpose: To specify special handling instructions in coded or free-form format

Syntax Notes: 01 Only one of H301 or H302 may be present.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
H301	152	Special Handling Code	O ID 2/3
		Code specifying special transportation handling instructions.	

Firearms  
[035 025 ]

Need new X12 code.

Code	Definition
FA*	Firearms

Direct Delivery  
[036 025 ]

Need new X12 code.

Code	Definition
DD*	Direct Delivery

Reweigh Requested at  
Destination  
[037 025 ]

Need new X12 code.

Code	Definition
RWR*	Reweigh Requested

Government Owned  
Containers Ordered (GOCS)  
[038 025 ]

Need new X12 code.

Code	Definition
GOC	Government-Owned Containers

H302	153	Special Handling Description	C	AN	2/30
H303	241	Protective Service Code	C	ID	1/8
H304	242	Vent Instruction Code	C	ID	1/7
H305	257	Tariff Application Code	C	ID	1/1

Segment: L7      Tariff Reference  
Level: A  
Sequence: 270  
Usage: O  
Max Use: 30  
Loop:  
Purpose: To reference details of the tariff used to arrive at applicable rates or charge  
Comment: A. "City" and "State" in L715 and L716 are used for rate combination city and state.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L701	213	Lading Line Item Number	O NO 1/3
L702	168	Tariff Agency Code	O ID 1/4
		Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment.	
L703	171	Tariff Number	O AN 1/7
		Standard tariff number for the tariff which governs the rates applied to the commodity item(s).	
L704	172	Tariff Section	O NO 1/2
L705	169	Tariff Item Number	O AN 1/16

Tender/Tariff/Special Rate  
Authority  
[039 031 ]

The tariff identifier appears in this data field when a one-time-only, volume move, or other special solicitation is filed. Usually, this is a SCAC.

Tender/Tariff Number  
[040 031 ]

When a one-time-only, volume move or other special solicitation is filed, use this data element for the tariff number. If filing against an existing solicitation, use this data element for the solicitation number.

L706	170	Tariff Item Part	O NO	1/2
L707	59	Freight Class Code	O ID	2/5
L708	173	Tariff Supplement Identifier	O AN	1/4
L709	46	Ex Parte	O AN	4/4
L710	37	Effective Date	O DT	6/6
L711	119	Rate Basis Number	O AN	1/6
		The (mileage) factor published for rating purposes in the appropriate tariff.		

Carrier Percent  
[041 029 ]

The percentage of MTMC's linehaul and accessorial baseline rates that the carrier will charge for the shipment based upon the origin and destination combination. 110% is expressed as 11000 with an implied decimal in the second position.

L712	227	Tariff Column	O AN	1/2
L713	294	Tariff Distance	O NO	1/5
		Distance on which the rate for a shipment is based.		

Tender/Tariff Miles  
[041 A ]

Distance used to calculate linehaul or long delivery from SIT charges.

L714	295	Distance Qualifier	O ID	1/1
		Code identifying the distance unit.		

Tender/Tariff Miles Qualifier  
[041 B \*]

Qualifies type of miles.

Code	Definition
T	Tariff Miles

L715	19	City Name	O AN	2/19
------	----	-----------	------	------

L716 156 State Or Province Code

O ID 2/2

**Segment:** NTE      Note/Special Instructions  
**Level:** A  
**Sequence:** 280  
**Usage:** O  
**Max Use:** 30  
**Loop:**  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction  
**Comment:** A. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the "NTE" segment should therefore be avoided, if at all possible, in an automated environment.

### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies.	

#### Appropriation Qualifier [042 024 A \*]

This qualifier must appear. Each appropriation number uses one NTE segment. The member's appropriation number must always be the first appropriation to appear.

#### Code      Definition

APS      Appropriation Specifications

#### Appropriation Dollars Qualifier [044 010 \*]

#### Code      Definition

PAY      Payables

#### Change Notice Qualifier [044 A \*]

**NTE02      3      Free Form Message      M AN 1/60**  
Free-form text.



**Appropriation Type, Property  
Owner Qualifier and Number**  
**[043 024 A ]**

Enter appropriation type code, property owner qualifier, and full accounting classification or an abbreviated code that identifies the funding appropriation for the shipment. These three data elements are separated with a comma (.). The appropriation type code appears first and qualifies the type of appropriation number (see codes above). The code that qualifies the appropriation as property owner (OW) or spouse (SX\*) appears second. The accounting classification appears third.

**Appropriation Dollars**  
**[044 020 I ]**

Enter the dollar amount to be billed to the appropriation number listed in the appropriation NTE segment.

**Change Notice**  
**[044 B ]**

Description of key changes or corrections to a previously submitted GBL.

Code	Definition
1	Full accounting classification in non-standard form
2	Full accounting classification in standard format presented in Appendix 10.F.
3	Movement designator code (MDC)
4	Air Force transportation account code (ATAC)
5	Transportation account code (TAC)
6	Navy appropriation (NMF)

**Segment:** N1      Name  
**Level:** A  
**Sequence:** 390  
**Usage:** M  
**Max Use:** 1  
**Loop:** N1  
**Purpose:** To identify a party by type of organization, name and code  
**Comment:** A. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
**Syntax Notes:** 01 At least one of N102 or N103 must be present.  
02 If either N103 or N104 is present, then the other is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	

Property Owner' Name  
Qualifier  
[046 010 A \*]

Code	Definition
OW	Owner of Property

Spouse's Name Qualifier  
[059 010 A \*]

Need new X12 code.

Code	Definition
SX*	Spouse

Consignee (CN) Name  
Qualifier  
[067 018 A \*]

Code	Definition
CN	Consignee.

Ship From Name (SF)  
Qualifier  
[079 019 A \*]

Code	Definition
SF	Ship From

Destination Name (RH)  
Qualifier  
[092 020 A \*]

Code	Definition
RH	Responsible Installation, Destination

Agent Name At Origin (AG)  
Qualifier  
[098 \*]

Code	Definition
AG	Agent

Bill Charges To (PO) Name  
Qualifier  
[100 021 \*]

Code	Definition
PO	Party To Receive Invoice

Issuing Office (RG) Name  
Qualifier  
[103 032 A \*]

Code	Definition
RG	Responsible Installation, Origin

Authorized Ship From Name  
(AN) Qualifier  
[109 025 A \*]

Code	Definition
AN	Authorized From

Authorized Ship To (AV)  
Qualifier  
[116 025 A \*]

Code	Definition
AV	Authorized To

SIT Origin Location Name  
(WO) Qualifier  
[123 \*]

Code	Definition
WO	Storage Facility At Origin

SIT Destination Location  
Name (WD) Qualifier  
[133 \*]

Code	Definition
WD	Storage Facility At Destination

Termination Location (T3)  
Name Qualifier  
[143 \*]

Code	Definition
T3	Termination Location +

Diversion From Location (T4)  
Name Qualifier  
[153 \*]

Code	Definition
T4	Transfer Point

Diversion To Location (T5)  
Name Qualifier  
[153 \*]

Code	Definition
T5	Transfer To

Alternate Terminal Qualifier  
[172 010 \*]

Code	Definition
TR	Terminal

N102 93 Name C AN 1/35  
Free-form name.

Property Owner's Name  
[045 010 A]

Qualify in N101. The last name of  
the member making application for  
shipment of personal property.

Spouse's Name  
[060 010 A]

Qualify in N101. The last name of  
the spouse of the member making  
application for shipment of per-  
sonal property.

Consignee Name (CN)  
[068 018 A ]

Qualify in N101. Either the name of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the last name of the member.

Ship From Name (Origin - SF) (point of primary pickup)  
[080 019 A ]

Qualify in N101. Either the name of the NTS storage facility where the shipment was picked up or the last name of the member.

Responsible Destination Installation/Office Name (RH)  
[093 020 A ]

Qualify in N101. The name of the shipping activity responsible for providing destination services for the shipment.

Agent Name At (AG) Origin  
[099 ]

Name of carrier's agent at origin.

Issuing Office Name (RG)  
[104 032 A ]

Qualify in N101. The name of the shipping activity responsible for providing origin services for the shipment.

Authorized Ship From Name (AN)  
[110 025 ]

Enter 'AN' in this data element to satisfy X12 syntax.

Authorized Ship To (AV) Name  
[117 025 ]

Use 'AV' in this data element to satisfy X12 syntax.

SIT Origin Location Name  
(WO)  
[124 ]

Qualify in N101. The name of the  
DoD approved warehouse. Used  
for storage-in-transit.

SIT Destination Location  
Name (WD)  
[134 ]

Qualify in N101. The name of  
the DoD approved warehouse that  
is used to determine storage and  
mileage charges at destination.

Termination Location Name  
(T3)  
[144 ]

Qualify in N101. The location of  
termination of the shipment if ship-  
ment is terminated prior to comple-  
tion.

Diversion From Location  
Name (T4)  
[154 ]

Qualify in N102. Location that  
shipment is diverted or transferred  
from.

Diversion To Location Name  
(T5)  
[164 ]

Qualify in N102. Location that  
shipment is diverted or transferred  
to.

Alternate Port or Terminal  
Code  
[172 020 ]

Use the authorized MTMC code of the alternate Military Ocean/Aerial Terminal (MOT/MAT) for code T and 5 shipments when rate solicitation item 528 applies. Use the authorized code, identified in the international personal property solicitation, of the alternate Aerial Port of Embarkation (APOE) or Aerial Port of Debarkation (APOD) used for Code J shipments when rate solicitation item 529 applies.

Property Owner's Social  
Security Number (SSN)  
Qualifier  
[047 010 B \*]Spouse's Social Security  
Number (SSN) Qualifier  
[061 010 B \*]GBLOC (RH) Qualifier  
[094 020 GBK \*]Bill Charges To (PO) ID  
Qualifier  
[101 021 \*]GBLOC (RG) Qualifier  
[105 032 GBK \*]

**N103 66 Identification Code Qualifier C ID 1/2**  
Code designating the system/method of code structure used for Identification Code (67).

<u>Code</u>	<u>Definition</u>
-------------	-------------------

34	Social Security Number
----	------------------------

<u>Code</u>	<u>Definition</u>
-------------	-------------------

34	Social Security Number.
----	-------------------------

<u>Code</u>	<u>Definition</u>
-------------	-------------------

27	Government Bill of Lading Office Code (GBLOC)
----	---

<u>Code</u>	<u>Definition</u>
-------------	-------------------

10	DoD Activity Address Code
ZZ	Disbursing Station Symbol Number

<u>Code</u>	<u>Definition</u>
-------------	-------------------

27	Government Bill of Lading Office Code (GBLOC)
----	---

**N104 67 Identification Code C ID 2/17**  
Code identifying a party.

Property Owner's Social  
Security Number (SSN)  
[048 010 B ]

Qualify in N103. The social  
security number of the member  
making application for shipment of  
personal property.

Spouse's Social Security  
Number (SSN)  
[062 010 B ]

Qualify in N103. The social  
security number of the spouse of  
the member making application for  
shipment of personal property.

GBLOC (RH)  
[095 020 GBK ]

The GBLOC of the shipping ac-  
tivity PPSO responsible for provid-  
ing destination services for the  
shipment.

Bill Charges To (PO) ID  
[102 021 ]

Qualify in N101 and N103.

GBLOC (RG)  
[106 032 GBK ]

The GBLOC of the shipping ac-  
tivity responsible for providing  
origin services for the shipment.



Segment: N2 Additional Name Information

Level: A

Sequence: 400

Usage: M

Max Use: 2

Loop:

Purpose: To specify additional names or those longer than 35 characters in length

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N201	93	Name Free-form name.	M AN 1/35

Property Owner's Additional  
Name  
[049 010 AA ]

The first name and middle initial  
of the member making application  
for shipment of personal property.

Spouse's Additional Name  
[063 010 AA ]

The first name and middle initial  
of the spouse of the member  
making application for shipment of  
personal property.

Additional Name (CN)  
[069 018 B ]

The last name of an individual  
designated by the member to act  
as his/her representative at destina-  
tion.

Additional Name (SF)  
[081 019 ]

The last name of an individual  
designated by the member to act  
as his/her representative at destina-  
tion.

N202	93	Name	O AN 1/35
------	----	------	-----------

Segment: **N3** Address Information

Level: **A**

Sequence: **410**

Usage: **M**

Max Use: **2**

Loop:

Purpose: To specify the location of the named party

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N301	166	Address Information Address information	M AN 1/35

Street (CN)  
[070 018 C1 ]

Either the street address of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the street address part of the member's primary shipment delivery address. Use this space to carry characters 1-35 of this data.

Street Address (SF)  
[082 019 B ]

Either the street address of the warehouse where the shipment was picked up or the street address of the member's origin residence. Use for shipments originating from CONUS, Alaska, or Hawaii.

Street Address (WO)  
[125 ]

The street address of the DOD approved warehouse used for storage-in-transit.

Street Address (WD)  
[135 ]

The street address of the DoD approved warehouse that is used to determine storage and mileage charges at destination.

Street Address (T3)  
[145 ]

Street Address (T4)  
[155 ]

Street Address (T5)  
[165 ]

Street (CN) Runover  
[071 018 C2 ]

Use this space to carry runover  
characters 36-49 from [018 C1]  
above.

N302 166 Address Information  
Address information

O AN 1/35

**Segment:** N4      Geographic Location  
**Level:** A  
**Sequence:** 420  
**Usage:** C  
**Max Use:** 1  
**Loop:**

**Purpose:** To specify the geographic place of the named party

**Comment:** A. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.  
B. N402 is required only if city name (N401) is in the USA or Canada.

**Syntax Notes:** 01 At least one of N401 or N405 must be present.  
02 If N401 is present, then N402 is required.  
03 If either N405 or N406 is present, then the other is required.

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name.	C AN 2/19

City (CN)  
[072 018 D]

Either the city of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the city part of the member's primary shipment delivery address.

City (SF)  
[083 019 D]

Either the city of the warehouse where the shipment was picked up or the city of the member's origin residence.

City (AN)  
[111 025 B]

This is the city in which the member is authorized a shipment from.

City (AV)  
[118 025 D ]

This is the city in which the member is authorized a shipment to be sent.

City (WO)  
[126 ]

The city of the DoD approved warehouse used for storage-in-transit.

City (WD)  
[136 ]

The city of the DoD approved warehouse that is used to determine storage and mileage charges at destination.

City (T3)  
[146 ]

City (T4)  
[156 ]

City (T5)  
[166 ]

State (CN)  
[073 018 E ]

Either the name of the state of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the name of the state part of the member's primary shipment delivery address. For shipments destined to CONUS, Alaska, or Hawaii.

N402 156 State Or Province Code C ID 2/2  
Code (Standard State/Province) defined by appropriate governmental agencies.

State (SF)  
[084 019 E ]

Either the name of the state of the warehouse where the shipment was picked up or the name of the state of the member's origin residence. For shipments originating from CONUS, Alaska, or Hawaii.

State (AN)  
[112 025 C ]

State in which the member is authorized to ship from.

State (AV)  
[119 025 E ]

This is the state in which the member is authorized a shipment to be sent.

State (WO)  
[127 ]

The state of the DoD approved warehouse used for storage-in-transit within CONUS, Alaska, or Hawaii.

State (WD)  
[137 ]

The state of the DoD approved warehouse that is used to determine storage and mileage charges at destination within CONUS, including Alaska, or Hawaii.

State (T3)  
[147 ]

State (T4)  
[157 ]

State (T5)  
[167 ]

N403 116 Postal Code

O ID 4/9

Code defining international postal zone code excluding punctuation and blanks (zip code for United States).

**Domestic Zip Code (CN)**  
**[074 018 F ]**

For domestic shipments, the zip code of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the zip code part of the member's primary shipment delivery address. For shipments destined to CONUS, Alaska, or Hawaii.

**Domestic Zip Code (SF)**  
**[085 019 F ]**

Either the zip code of the warehouse where the shipment was picked up or the zip code of the member's origin residence. For shipments originating from CONUS, Alaska, or Hawaii.

**Domestic Zip Code (WO)**  
**[128 ]**

The zip code of the DoD approved warehouse used for storage-in-transit within CONUS, Alaska, or Hawaii.

**Domestic Zip Code (WD)**  
**[138 ]**

The zip code of the DoD approved warehouse that is used to determine storage and mileage charges at destination within CONUS, including Alaska, or Hawaii.

**Domestic Zip Code (T3)**  
**[148 ]**

**Domestic Zip Code (T4)**  
**[158 ]**

**Zip Code (T5)**  
**[168 ]**

**N404 26 Country Code**  
Code identifying the country.

**O ID 2/2**

Country (CN)  
[075 018 F ]

The name of the country to which  
a shipment is to be delivered.

Country (SF)  
[086 019 G ]

The country in which the ship-  
ment is picked up.

Country (AN)  
[113 025 E ]

This is the country in which the  
member is authorized a shipment  
from.

Country (AV)  
[120 025 F ]

This is the country in which the  
member is authorized a shipment  
to be sent.

Country (WO)  
[129 ]

The country of the DoD approved  
warehouse used for storage-in-transit.

Country (WD)  
[139 ]

The country of the DoD approved  
warehouse that is used to deter-  
mine storage and mileage charges  
at destination.

Country (T3)  
[149 ]

Country (T4)  
[159 ]

Country (T5)  
[169 ]

N405 309 Location Qualifier  
Code identifying type of location.

O ID 1/2



County/Postal Code (CN)  
Qualifier  
[076 018 F \*]

Qualifies N406 for either domestic  
county or international postal  
code.

Code Definition

CY County/Parish  
IP Postal

County/Postal Code (SF)  
Qualifier  
[087 019 I \*]

Qualifies the N406 for either  
domestic county or international  
postal code.

Code Definition

CY County/Parish  
IP Postal

Rate Area (RH) Qualifier  
[097 020 \*]

Code Definition

RA Rate Area Code

Rate Area Code (RG)  
Qualifier  
[107 032 S \*]

Code Definition

RA Rate Area

County Qualifier (AN)  
[114 025 F \*]

Code Definition

CY County/Parish

County Qualifier (AV)  
[121 025 G \*]

Code Definition

CY County/Parish

County/Postal Code (WO)  
Qualifier  
[130 ]

Qualifies N406 as either domestic  
county or international postal  
code.

<u>Code</u>	<u>Definition</u>
CY	County/Parish
IP	Postal

County/Postal Code (WD)  
Qualifier  
[140 \*]

Qualifies the N406 as either  
domestic county or international  
postal code.

<u>Code</u>	<u>Definition</u>
CY	County/Parish
IP	Postal

County/Postal Code (T3)  
Qualifier  
[150 \*]

Qualifies N406 for either domestic  
county or international postal  
code.

<u>Code</u>	<u>Definition</u>
CY	County/Parish
IP	Postal

County/Postal Code Qualifier  
(T4)  
[160 \*]

Qualifies the N406 for either  
domestic county or international  
postal code.

<u>Code</u>	<u>Definition</u>
CY	County/Parish
IP	Postal

County/Postal Code Qualifier  
(T5)  
[170 \*]

Qualifies the N406 for either domestic county or international postal code.

Code Definition

CY County/Parish  
IP Postal

N406 310 Location Identifier C AN 1/25  
Code which identifies a specific location.

County (CN)  
[077 018 F]

The name of the county or parish to which a shipment is to be delivered. For shipments destined to CONUS, Alaska, and Hawaii.

International Zip Code (CN)  
[078 018 F]

Either the international APO or FPO of the DPM contractor who will perform destination services for shipments moving under DPM codes of service or the international APO or FPO part of the member's primary shipment delivery address. For shipments destined outside CONUS, Alaska, or Hawaii.

County (SF)  
[088 019 I]

Either the county of the warehouse where the shipment was picked up or the county of the member's origin residence. For shipments originating from CONUS, Alaska, or Hawaii.

International Zip Code (SF)  
[089 019 F]

Either the international APO or FPO code of the warehouse where the shipment was picked up or the zip code of the member's origin residence. For shipments originating from outside CONUS, Alaska, or Hawaii.

Rate Area Code (RH)  
[096 020 ]

The nine character identifier for the rate area of the shipment destination.

Rate Area Code (RG)  
[108 032 S ]

The nine character identifier for the rate area of the shipment origination. To be used for international shipments.

County (AN)  
[115 025 F ]

This is the county in which the member is authorized a shipment from.

County (AV)  
[122 025 G ]

This is the county in which the member is authorized a shipment to be sent.

County (WO)  
[131 ]

The county of the DoD approved warehouse used for storage-in-transit within CONUS.

International Zip Code (WO)  
[132 ]

The international APO or FPO code of the DoD approved warehouse used for storage-in-transit outside CONUS, Alaska, or Hawaii.

County (WD)  
[141 ]

The county of the DoD approved warehouse that is used to determine storage and mileage charges at destination within CONUS, including Alaska or Hawaii.

International Zip Code (WD)

[142 ]

The international APO or FPO  
code of the DOD approved  
warehouse used for storage-in-transit  
outside CONUS, Alaska, or  
Hawaii.

County (T3)

[151 ]

International Zip Code (T3)

[152 ]

County (T4)

[161 ]

International Zip Code (T4)

[162 ]

County (T5)

[171 ]

International Zip Code (T5)

[172 ]

Segment: REF Reference Numbers  
Level: A  
Sequence: 430  
Usage: M  
Max Use: 12  
Loop:  
Purpose: To specify identifying numbers.  
Syntax Notes: 02 Either REF02 or REF03 is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

#### Code Definition

ML	Military Rank/Civilian Pay Grade Number
----	---

#### Code Definition

DU	Dependents Information
----	------------------------

#### Code Definition

DU	Dependents Information
----	------------------------

#### Code Definition

ML	Military Rank/Civilian Pay Grade Number
----	---

#### Code Definition

LT	Lot Number
----	------------

Property Owner's Rank or  
Pay Grade Qualifier  
[050 010 C \*]

Number of Dependents Less  
Than 12 Yrs Qualifier  
[053 010 DP \*]

Number of Dependents  
Greater Than or Equal To 12  
Yrs Qual  
[056 010 DP \*]

Spouse's Rank or Pay Grade  
Qualifier  
[064 010 C \*]

Non-Temporary Storage Lot  
Number (SF) Qualifier  
[090 019 \*]

SIT Control Number Qualifier  
(WO)  
[132 010 \*]

Code	Definition
XC	Cargo Control Number

SIT Control Number Qualifier  
(WD)  
[142 010 \*]

Code	Definition
XC	Cargo Control Number

REF02 127 Reference Number C AN 1/30  
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Property Owner's Rank or  
Pay Grade  
[051 010 C]

Qualify in REF01. The pay grade or rank of the member making application for the shipment of personal property.

Number of Dependents Less  
Than 12 Yrs Code  
[054 010 DP \*]

Code	Definition
0	Number of Children/Dependents Less Than 12 Years Old.

Number of Dependents  
Greater Than or Equal To 12  
Yrs Code  
[057 010 DP \*]

Code	Definition
1	Number of Children/Dependents Equal to or Greater Than 12 Years Old.

Spouse's Rank or Pay Grade  
[065 010 C]

Qualify in REF01. The pay grade or rank of the spouse of the member making application for the shipment of personal property.

Non-Temporary Storage Lot  
Number (SF)  
[091 019 ]

Qualify in REF01.

SIT Control Number (WO)  
[132 020 ]

The number assigned to the ship-  
ment by the installation when  
placed into SIT.

SIT Control Number (WD)  
[142 020 ]

The number assigned to the ship-  
ment by the installation when  
placed into SIT.

Member's Status  
[052 010 D ]

A code indicating type of orders  
the member has been issued.

Number of Dependents Less  
Than 12 Yrs  
[055 010 DP ]

Whole number that describes the  
number of dependents under 12  
years of age. This data element is  
required only if dependents exist.

REF03 352 Description

C AN 1/80

A free-form description to clarify the related data ele-  
ments and their content.

Code Definition

BLB	Blue Bark
PCS	Permanent Change of Station
RET	Retired
SEP	Separated
TDY	Temporary Duty



Number of Dependents  
Greater Than or Equal To 12  
Yrs  
[058 010 DP]

Whole number that describes the  
number of dependents equal to or  
older than 12 years of age. This  
data element is required only if de-  
pendents exist.

Spouse's Status  
[066 010 D]

A code indicating type of orders  
the spouse of the member has  
been issued.

<u>Code</u>	<u>Definition</u>
BLB	Blue Bark
PCS	Permanent Change of Station
RET	Retired
SEP	Separated
TDY	Temporary Duty

Segment: S5 Stop-Off Details

Level: A

Sequence: 450

Usage: M

Max Use: 1

Loop: S5

Purpose: To specify stop-off details in terms of weight, quantity and volume.

Comment: A. S509 = stop reason description.

Syntax Notes: 01 If either S503 or S504 is present, then the other is required.  
02 If either S505 or S506 is present, then the other is required.  
03 If either S507 or S508 is present, then the other is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
S501	165	Stop Sequence Number	M NO 1/2
		Identifying number for the specific stop and the sequence in which the stop is to be performed.	

Extra Delivery Address Loop  
Start  
[173 013 DV]

Qualify in S502. Use sequential numbers. List in sequence of required delivery.

Extra Pickup Address Loop  
Start  
[185 013 PK]

Use sequential number. List in sequence of required pickup.

S502	163	Stop Reason Code	M ID 2/2
		Code specifying the reason for the stop.	

Extra Delivery Address  
Identifier  
[174 013 DV \*]

Code	Definition
UL	Unload.

Extra Pickup Address  
Identifier  
[186 013 PK \*]

		<u>Code</u>	<u>Definition</u>			
		LD	Load.			
S503	81	Weight		O	R	1/8
S504	188	Weight Unit Qualifier		C	ID	1/1
S505	382	Number Of Units Shipped		O	R	1/10
S506	355	Unit Of Measurement Code		C	ID	2/2
S507	183	Volume		O	R	1/8
S508	184	Volume Unit Qualifier		C	ID	1/1
S509	352	Description		O	AN	1/80
S510	154	Standard Point Location Code		O	ID	6/9
S511	190	Accomplish Code		O	ID	1/1

Segment: N1 Name

Level: A

Sequence: 490

Usage: M

Max Use: 1

Loop: N1

Purpose: To identify a party by type of organization, name and code

Comment: A. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Syntax Notes: 01 At least one of N102 or N103 must be present.  
02 If either N103 or N104 is present, then the other is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	

#### Code Definition

AE Additional Delivery Address.

#### Code Definition

AB Additional Pickup Address.

N102	93	Name	C AN 1/35
		Free-form name.	

Extra Delivery Address (AE)  
Name Qualifier  
[175 013 DV \*]

Extra Pickup Address (AB)  
Name Qualifier  
[187 013 PK \*]

Extra Delivery Address (AE)  
Name  
[176 013 DV ]

Qualify in N101. The street address part of the address of the location designated as an additional delivery point. Use this space for characters 1-35.

Extra Pickup (AB) Address  
Name  
[188 013 PK]

The street address part of the address of the location designated as an additional pickup point. Carry characters 1-35 here.

N103	66	Identification Code Qualifier	C	ID	1/2
N104	67	Identification Code	C	ID	2/17

**Segment:** N2      Additional Name Information  
**Level:** A  
**Sequence:** 500  
**Usage:** M  
**Max Use:** 2  
**Loop:**  
**Purpose:** To specify additional names or those longer than 35 characters in length

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N201	93	Name Free-form name.	M AN 1/35

Extra Delivery Address (AE)  
Name Runover  
[177 013 DV ]

Use this space to carry runover  
characters 36-49 from N102 [013  
DV] above.

Extra Pickup Address (AB)  
Name Runover  
[189 013 PK ]

Use this space to carry runover  
characters 36-49 from N102 [013  
PK] above.

N202	93	Name	O AN 1/35
------	----	------	-----------

**Segment:** N4      Geographic Location  
**Level:** A  
**Sequence:** 520  
**Usage:** C  
**Max Use:** 1  
**Loop:**

**Purpose:** To specify the geographic place of the named party

**Comment:** A. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.  
B. N402 is required only if city name (N401) is in the USA or Canada.

**Syntax Notes:** 01 At least one of N401 or N405 must be present.  
02 If N401 is present, then N402 is required.  
03 If either N405 or N406 is present, then the other is required.

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name.	C AN 2/19

City (AE)  
[178 013 DV]

The city part of the address of the location designated as an additional delivery point.

City (AB)  
[190 013 PK]

The city part of the address of the location designated as an additional pickup point.

N402    156    State Or Province Code      C    ID    2/2  
Code (Standard State/Province) defined by appropriate governmental agencies.

State (AE)  
[179 013 DV ]

The state part of the address of the location designated as an additional delivery point. For shipments destined to CONUS, Alaska or Hawaii.

State (AB)  
[191 013 PK ]

The state part of the address of the location designated as an additional pickup point. For shipments originating from CONUS, Alaska, or Hawaii.

Domestic Zip Code (AE)  
[180 013 DV ]

The zip code part of the address designated as an additional delivery point. For shipments destined to CONUS, Alaska, or Hawaii.

Domestic Zip Code (AB)  
[192 013 PK ]

For domestic shipments, the zip code part of the address of the location designated as an additional pickup point. For shipments originating from CONUS, Alaska, or Hawaii.

Country (AE)  
[181 013 DV ]

The country to which a shipment of personal property is to be delivered when an additional delivery point is involved.

N403 116 Postal Code O ID 4/9  
Code defining international postal zone code excluding punctuation and blanks (zip code for United States).

N404 26 Country Code O ID 2/2  
Code identifying the country.



**Country (AB)**  
**[193 013 PK ]**

The country in which a shipment is picked up when an additional pickup point is involved.

**County/Postal Code (AE)**  
**Qualifier**  
**[182 013 DV \*]**

Qualifies use of N406 as either domestic county code or international postal code.

**County/Postal Code (AB)**  
**Qualifier**  
**[194 013 PK \*]**

Qualifies the use of N406 as either domestic county or international postal code.

**County (AE)**  
**[183 013 DV ]**

The county in which the additional delivery point is located. For shipments destined to CONUS.

**International Zip Code (AE)**  
**[184 013 DV ]**

The international APO or FPO part of the address designated as an additional delivery point. For shipments destined outside CONUS, Alaska, or Hawaii.

**N405 309 Location Qualifier O ID 1/2**  
Code identifying type of location.

**Code Definition**

CY	County/Parish
IP	Postal

**Code Definition**

CY	County/Parish
IP	Postal

**N406 310 Location Identifier C AN 1/25**  
Code which identifies a specific location.

County (AB)  
[195 013 PK ]

The county in which a shipment is picked up when an additional pick-up point is involved. For shipments originating from CONUS.

International Zip Code (AB)  
[196 013 PK ]

The international APO or FPO part of the address of the location designated as an additional pickup point. For shipments originating from outside CONUS, Alaska, or Hawaii.

Segment: LX      Sequence Number  
Level: B  
Sequence: 10  
Usage: M  
Max Use: 1  
Loop: LX  
Purpose: To reference a line number in a transaction set.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LX01	554	Assigned Number	M N0 1/6

Number assigned for differentiation within a transaction set.

Linehaul and Single Factor  
Rate and Charges Loop  
Qualifier  
[197 029 \*]

This segment begins the loop used to describe linehaul and single factor rate and charges. Use one LX01 for each L108 (service identifier code).

Code	Definition
100	Linehaul/Single Factor Rate and Charge Loop

Weights and Allowances  
Loop Qualifier  
[203 028 \*]

This segment begins the loop used to describe weight information. Use one LX01 for each L004 (weight).

Code	Definition
200	Weight Loop

Accessorial Service Ordered  
Loop Qualifier  
[208 \*]

Use one LX01 for each L108 (item number).

Code	Definition
301	Accessorial Services Ordered at Origin
302	Accessorial Services Ordered at Destination

Accessorial Services  
Performed Loop Qualifier  
[221 \*]

Use one LX01 for each L108  
(Item Number).

<u>Code</u>	<u>Definition</u>
303	Accessorial Services Performed At Origin
304	Accessorial Services Performed At Destination

Surcharge Loop Qualifier  
[234 025 \*]

This segment begins the series of  
segments used to describe a sur-  
charge. If a surcharge applies to  
the shipment, this segment must  
be used.

<u>Code</u>	<u>Definition</u>
305	Surcharge Loop

Storage In Transit (SIT) Loop  
Qualifier  
[240 ]

Use one LX01 for each unique  
N902 (SIT Control Number).

<u>Code</u>	<u>Definition</u>
401	Storage In Transit Loop At Origin
402	Storage in Transit Loop at Destination

Entitlements Qualifier  
[259 025 C \*]

Use for mobile home cost al-  
lowance, excess cost paid at  
origin, higher declared/release  
value.

<u>Code</u>	<u>Definition</u>
500	Entitlements Cost

Mobile Home Loop Qualifier  
[263 027 \*]

Use for mobile home information.  
Use one LX01 for each N902  
(mobile home serial number).

<u>Code</u>	<u>Definition</u>
600	Mobile Home Loop

Vehicle Loop Qualifier  
[273 027 \*]

Use one LX01 for each N902  
(vehicle serial number).

<u>Code</u>	<u>Definition</u>
700	Vehicle Loop

**Segment:** N9      Reference Numbers  
**Level:** B  
**Sequence:** 100  
**Usage:** M  
**Max U-e:** 99  
**Loop:**

**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier

**Syntax Notes:** 01 At least one of N902 or N903 must be present.

### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	

Stop Off Sequence Number  
Cross-Reference Qualifier  
[208 020 \*]

<u>Code</u>	<u>Definition</u>
QN	Stop-off Sequence Number

Service Status Qualifier  
[209 \*]  
(Loop 301/302)

<u>Code</u>	<u>Definition</u>
1P	Accessorial Status Code

Service Status Qualifier  
[212 \*]  
(Loop 301/302)

<u>Code</u>	<u>Definition</u>
1P	Accessorial Status Code

Stop Off Sequence Number  
Cross-Reference Qualifier  
[221 010 \*]

<u>Code</u>	<u>Definition</u>
QN	Stop-off Sequence Number

Service Status Qualifier  
[222 \*]

(Loop 303/304).

<u>Code</u>	<u>Definition</u>
-------------	-------------------

1P	Accessorial Status Code
----	-------------------------

Service Status Qualifier  
[224 010 010 \*]

(Loop 303/304).

<u>Code</u>	<u>Definition</u>
-------------	-------------------

1P	Accessorial Status Code
----	-------------------------

SIT Control Number Qualifier  
[241 \*]

(Loop 401/402).

<u>Code</u>	<u>Definition</u>
-------------	-------------------

XC	Cargo Control Number
----	----------------------

SIT Date Converted to  
Member Expense Qualifier  
[244 025 TB \*]

(Loop 401/402).

<u>Code</u>	<u>Definition</u>
-------------	-------------------

1R	Storage Information Code
----	--------------------------

SIT Date Qualifier  
[247 \*]

(Loop 401/402).

<u>Code</u>	<u>Definition</u>
-------------	-------------------

1R	Storage Information Code
----	--------------------------

SIT Date Qualifier  
[250 \*]

(Loop 401/402)

<u>Code</u>	<u>Definition</u>
-------------	-------------------

1R	Storage Information Code
----	--------------------------

Mobile Home Serial Number  
Qualifier  
[264 027 \*]  
(Loop 600).

<u>Code</u>	<u>Definition</u>
SE	Serial Number

Vehicle Serial Number  
Qualifier  
[274 027 \*]  
(Loop 700).

<u>Code</u>	<u>Definition</u>
SE	Serial Number

Stop Off Sequence Number  
Cross-Reference  
[208 025 \*]

Number cross-references to field S501. Can be used to identify state where accessorial service is performed. Use only for personal property shipments with DoD accessorial item codes of 101 or any item that uses rates for item 101, 112, and 502, or any item that uses rates for item 502. Not required when service is performed at origin or destination.

N902 127 Reference Number C AN 1/30  
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Service Status Description  
Code  
[210 I]  
(Loop 301/302).

<u>Code</u>	<u>Definition</u>
DO	Date Service Was Ordered

Service Status Description  
Code  
[213 I]  
(Loop 301/302).

<u>Code</u>	<u>Definition</u>
DR	Date Service Was Requested To Be Performed



Stop Off Sequence Number  
Cross-Reference  
[221 020 ]

Number cross-references to field S501. Can be used to identify state where accessorial service is performed. Use only for personal property shipments with DoD accessorial item codes of 101 or any item that uses rates for item 101, 112, and 502, or any item that uses rates for item 502. Not required when service is performed at origin or destination.

Service Status Description  
Code  
[223 \*]

(Loop 303/304).

Code Definition

DP Date Service Was Performed

Service Status Description  
Code  
[224 010 020 ]

Code Definition

DC Date Service Was Certified

SIT Control Number  
[242 ]

The number assigned the shipment by the installation when placed into SIT. (Loop 401/402)

Mobile Home Serial Number  
[265 027 ]

Qualify in N901 (Loop 600).

Vehicle Serial Number  
[275 027 ]

Qualify in N901 (Loop 700).

N903 369 Free-Form Description  
Free-form descriptive text.

C AN 1/45

SIT Days Authorized  
[243 025 TA ]

The number of days of storage  
authorized for this shipment by  
the responsible installation. (Loop  
401/402)

SIT Date Converted to  
Member Expense ID  
[245 025 TB ]

(Loop 401/402).

SIT Date In ID  
[248 \*]

(Loop 401/402).

SIT Date Out ID  
[251 \*]

(Loop 401/402)

Mobile Home Make and  
Model  
[266 027 ]

The make of the mobile home fol-  
lowed by a "," followed by the  
model of the mobile home. (Loop  
600).

Vehicle Make and Model  
[276 027 ]

The make of the vehicle followed  
by a "," followed by the model of  
the vehicle. (Loop 700)

<u>Code</u>	<u>Definition</u>
12	SIT Converted to Member's Expense Date

<u>Code</u>	<u>Definition</u>
10	Storage In

<u>Code</u>	<u>Definition</u>
11	Storage Out

N904 373 Date  
Date (YYMMDD).

O DT 6/6

Date Ordered  
[211 ]

The date the additional service  
was ordered (Loop 301/302).

Date Requested To Be  
Performed  
[214 ]

The date the additional service  
was requested to be performed.  
(Loop 301/302)

Date Performed  
[224 ]

The date the additional service  
was performed (Loop 303/304).

Date Certified  
[224 010 030 ]

The date the additional service  
was certified for payment by a  
DoD representative.

SIT Date Converted to  
Member Expense  
[246 025 TB ]

The date on which the shipment  
or portion in storage was con-  
verted to member's expense thus  
terminating the Government respon-  
sibility for payment of storage  
beyond this date. (Loop 401/402)

SIT Date In  
[249 ]

The date on which the shipment  
or portion of the shipment was  
placed in storage. (Loop 401/402).

SIT Date Out  
[252 ]

The date on which the shipment  
or portion was removed from  
storage. (Loop 401/402)

Mobile Home Year  
[267 027 ]

The year of the mobile home.  
Use format YYMMDD. Use "01"  
for DD and MM as filler. (Loop  
600)

N905 337 Time

O TM 4/4

**Segment:** L5      Description Marks And Numbers  
**Level:** B  
**Sequence:** 130  
**Usage:** O  
**Max Use:** 10  
**Loop:**  
**Purpose:** To specify the line item in terms of description, quantity, packaging, and marks and numbers.  
**Comment:** A. L503 and L504 are "Paired" data elements. If one is used, both must be used except for rail transaction sets where STCC is understood.  
**Syntax Notes:** 01 If either L503 or L504 is present, then the other is required.

### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>								
L501	213	Lading Line Item Number	O N0 1/3								
L502	79	Lading Description Description of an item as required for rating and billing purposes.	C AN 1/50								
<table><tr><th><u>Code</u></th><th><u>Definition</u></th></tr><tr><td>1</td><td>POV Drivable</td></tr><tr><td>2</td><td>POV Not Drivable</td></tr><tr><td>3</td><td>Motorcycle</td></tr></table>				<u>Code</u>	<u>Definition</u>	1	POV Drivable	2	POV Not Drivable	3	Motorcycle
<u>Code</u>	<u>Definition</u>										
1	POV Drivable										
2	POV Not Drivable										
3	Motorcycle										
L503	22	Commodity Code	C ID 1/16								
L504	23	Commodity Code Qualifier	C ID 1/1								
L505	103	Packaging Code	O ID 5/5								

Mobile Home Expando  
Description  
[268 027 ]

The description of the mobile  
home. (Loop 600)

Vehicle Description  
[277 027 ]

(Loop 700).

L506	87	Marks And Numbers	O	AN	1/45
L507	88	Marks And Numbers Qualifier	O	ID	1/2

Segment: PER Administrative Communications  
Contact

Level: B

Sequence: 131

Usage: M

Max Use: 5

Loop:

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 01 If PER03 is present, then PER04 is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PER01	366	Contact Function Code	M ID 2/2
Code identifying the major duty or responsibility of the person or group named.			

Reweigh Witnessed  
[204 028 ]

Can not be implemented until ASC  
X12 version 3 release 2 (003020)  
or greater is used for the 858  
transaction set. Use "AU" to cer-  
tify that reweigh was witnessed.  
Required only if L005 is "RN".  
(Loop 200)

Code	Definition
AU	Report Authorized

PER02	93	Name	O AN 1/35
-------	----	------	-----------

PER03	365	Communication Number Qualifier	X ID 2/2
-------	-----	--------------------------------	----------

PER04	364	Communication Number	X AN 7/25
-------	-----	----------------------	-----------

**Segment:** L0      Line Item Quantity And Weight  
**Level:** B  
**Sequence:** 140  
**Usage:** O  
**Max Use:** 10  
**Loop:** L0

**Purpose:** To specify quantity, weight, volume and type of service for a line item including applicable "quantity/rate-as" data.

**Syntax Notes:** 02 If either L002 or L003 is present, then the other is required.  
04 If either L004, L005 or L011 is present, the others are required.  
06 If either L006 or L007 is present, then the other is required.  
08 If either L008 or L009 is present, the other is required.

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L001	213	Lading Line Item Number	O N0 1/3
		Sequential line number for a lading item.	

Linehaul and Single Factor  
Rate and Charges Loop  
Add'l Qualf  
[198 029 \*]

Qualifier required to satisfy ANSI  
syntax (Loop 100).

Code	Definition
100	Linehaul and Single Factor Rate and Charges Loop

Weight Unit Qualifier  
[216 030 \*]

Code	Definition
L	Pounds

Weight Unit Qualifer  
[226 030 \*]

Code	Definition
L	Pounds



Type of Service Identifier  
[235 029 \*]

If 305 is used in LX01, this  
qualifier must appear. (Loop 305).

Code	Definition
305	Surcharge Loop

Entitlement Sub Qualifier  
[260 025 C1 \*]

Use value '500' to satisfy ANSI  
syntax requirements.

Mobile Home Measurement  
Loop Qualifier  
[269 027 \*]

Code	Definition
600	Mobile Home Measurement Loop

Number of Units Ordered  
[215 ]

The number of units (i.e. hours,  
100 pounds, etc.) ordered by the  
installation for a specific additional  
service. If this number is fraction-  
al, carry the decimal (Loop  
301/302).

Number of Units Performed  
[225 ]

The number of units (i.e., hours,  
100 pounds, etc) performed by  
the carrier for a specific additional  
service. If this number is fraction-  
al, carry the decimal. (Loop  
303/304)

L002 220 Billed/Rate-As Quantity C NO 1/11  
Basis for rating (miles, value, volume, etc.). Note:  
Weight may be defined by either data element 220  
or 81.

L003 221 Billed/Rate-As Qualifier C ID 2/2  
Code identifying the type of quantity or value on  
which the rate or item pricing is based.

Number of Units Ordered  
Qualifier  
[216 \*]

Reference code list in Appendix  
10.F for application of this  
qualifier with Item Number (Loop  
301/302).

Code	Definition
CF	Cubic Foot
EA	Each
FR	Flat Rate
LC	100 Pounds
NR	Containers
RV	Released Value
TD	Days
TH	Hours

Number of Units Performed  
Qualifier  
[226 \*]

Reference code list in Appendix  
10.F for application of this  
qualifier with Item Number (Loop  
303/304).

Code	Definition
CF	Cubic Foot
EA	Each
FR	Flat Rate
LC	100 Pounds
NR	Containers
RV	Released Value
TD	Days
TH	Hours

L004 81 Weight C R 1/8  
Numeric value of weight.

Weight  
[205 028 I]

Qualify in L005 and L011 (Loop  
200).

Weight  
[216 010 J]

The weight of the personal prop-  
erty if L112 is 112A, 112B, 112C,  
130D, 145B, 152D, 518A, 518C,  
or 534A.

Weight  
[226 010 ]

The weight of the personal property if L112 is 112A, 112B, 112C, 130D, 145B, 152D, 518A, or 534A.

SIT Weight In  
[253 ]

Net weight moved into storage-in-transit (Loop 401/402).

SIT Weight Out  
[256 ]

Net weight moved out of storage-in-transit (Loop 401/402).

Weight Unit Qualifier  
[206 028 \*]

Weight Qualifier  
[216 020 \*]

Weight Qualifier  
[226 020 \*]

L005 187 Weight Qualifier

C ID 1/2

Code defining the type of weight.

Code	Definition
E	Estimated Non-Temporary Storage
G	Gross
N	Net
RG	Reweigh Gross Weight
RN	Reweigh Net
RT	Reweigh Tare Weight
T	Tare
WA	Administrative Allowance
WB	Unaccompanied Baggage Weight
WG	Professional Gear
Z	Consumable Net (Loop 200)

Code	Definition
B	Billed weight

Code	Definition
B	Billed weight

SIT Weight In Weight  
Qualifier  
[254 \*]

Need new X12 code. (Loop  
401/402)

Code Definition

SI SIT Weight In \*

SIT Weight Out Weight  
Qualifier  
[257 \*]

Need new X12 code. (Loop  
401/402)

Code Definition

SO SIT Weight Out \*

L006	183	Volume	C	R	1/8
L007	184	Volume Unit Qualifier	C	ID	1/1
L008	80	Lading Quantity	C	N0	1/7
L009	211	Lading Quantity Qualifier	C	ID	3/3
L010	458	Dunnage Description	O	AN	2/25
L011	188	Weight Unit Qualifier	C	ID	1/1

Code specifying the weight unit.

Weight Unit Qualifier  
[207 028 \*]

(Loop 200)

Code Definition

L Pounds

SIT Weight In Unit Qualifier  
[255 \*]

(Loop 401/402).

Code Definition

L Pounds

SIT Weight Out Unit Qualifier  
[258 ]

<u>Code</u>	<u>Definition</u>
L	Pounds

L012	56	Type of Service Code	O	ID	2/2
------	----	----------------------	---	----	-----

**Segment:** L1 Rate And Charges

**Level:** B

**Sequence:** 150

**Usage:** O

**Max Use:** 10

**Loop:**

**Purpose:** To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

**Syntax Notes:** 04 At least one of L104, L105, or L106 must be present.

14 If either L114 or L115 is present, the other is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L101	213	Lading Line Item Number	O NO 1/3
L102	60	Freight Rate	O R 1/9
		Rate that applies to the specific commodity.	

#### Service Rate [199 029 ]

Base rate of transportation service. Rate is expressed with explicit decimal at second position from right. Qualify in L103. (Loop 100)

#### Service Performed Rate [227 ]

Rate of standard accessorial or negotiated third party service. Rate is expressed with explicit decimal at second position from right. (Loop 303/304)

#### Surcharge Rate [236 029 ]

A surcharge is expressed as either a percent of total linehaul, a flat charge for the shipment or a rate per hundred weight. Express with implied decimal at second position. Qualify in L103. (Loop 305)

Service Rate Qualifier  
[200 029 \*]

Service Performed Rate  
Qualifier  
[228 \*]

Reference code list in Appendix  
10.F for application of this  
qualifier with Item Number (Loop  
303/304).

Surcharge Rate Qualifier  
[237 029 \*]

(Loop 305).

Service Charge  
[201 030 ]

The charge for transportation ser-  
vice. Decimal is implied at second  
position. (Loop 100)

L103 122 Rate/Value Qualifier O ID 2/2  
Code qualifying how to extend charges or interpret  
value.

Code	Definition
CW	Per Hundredweight (Loop 100)
FR	Flat Rate

Code	Definition
CW	Per Hundredweight
ER	Per Each Request
FC	Flat Charge
FR	Flat Rate
MH	Per Hour
MN	Minimum
PA	Per Container
PD	Per Day
PF	Per Cubic Feet
PH	Per \$100

Code	Definition
CT	Charge Based on Percentage of Total
CW	Per Hundredweight
FC	Flat Charge

L104 58 Charge C N2 1/9  
For a line item: freight or special charge; for the  
total invoice: the total charges -- expressed in the  
standard monetary denomination for the currency  
specified.

**Service Performed Charge**  
**[229 ]**

The total charge for an accessorial  
third party, or special service.  
(Loop 303/304)

**Surcharge**  
**[238 030 ]**

The surcharge amount allowed.  
(Loop 305)

**Mobile Home Cost**  
**[261 025 C1 ]**

The amount of dollars a member  
is authorized to expend on a  
mobile home shipment based upon  
a PCS entitlement between  
authorized origin and destination.  
This data has an implied decimal  
at the second position. (Loop 500)

**Excess Cost Paid At Origin**  
**[262 025 C2 ]**

The amount of excess cost as-  
sociated with the shipment that  
was collected from the member  
by the origin installation. This data  
has an implied decimal at the  
second position. (Loop 500)

**Service Identifier Code**  
**[202 029 ]**

Need new X12 code. (Loop 100)

**L105 191 Advances C N2 1/9**

**L106 117 Prepaid Amount C N2 1/9**

Money paid at point of origin (usually by shipper)  
expressed in the standard monetary denomination for  
the currency specified.

**L107 120 Rate Combination Point Code O ID 3/9**

**L108 150 Special Charge Code O ID 3/3**

Code identifying type of special charge.

**Code      Definition**

**LHS\***      Linehaul/Single Factor Rate Service



Item Number Ordered  
[217 ]

ANSI X12 codes that represent standard item numbers from the MTMC domestic, international, or other rate solicitations or X12 codes that represent third party or miscellaneous services having no standard item equivalent. Reference the code list in Appendix 10.F for appropriate X12 codes.  
(Loop 301/302)

Item Number Performed  
[230 ]

ANSI X12 codes that represent standard item numbers from the MTMC domestic, international, or other rate solicitations or X12 codes that represent third party or miscellaneous services having no standard item equivalent. Reference the code list in Appendix 10.F for appropriate X12 codes.  
(Loop 303/304)

Surcharge Identifier  
[239 029 \*]

(Loop 305).

Code	Definition
100	Air Surcharge
405	Fuel Surcharge
BSC	Bunker Surcharge
CON	Port Congestion Surcharge
WAR	War Risk Surcharge

L109	121	Rate Class Code	O ID	1/3
L110	39	Entitlement Code	O ID	1/1
L111	16	Charge Method Of Payment	O ID	1/1
L112	276	Special Charge Description	O AN	2/25
Identification of special charge. This data element is used whenever an applicable code cannot be found in data element 150.				

Item ID Ordered  
[218 ]

The standard MTMC item number plus a unique identifier of the additional service item or the third party/miscellaneous service description. Reference the code list in Appendix 10.F for application of this data element with Item Number. (Loop 301/302)

Item Id Performed  
[231 ]

The standard MTMC item number plus a unique identifier of the additional service item or the third party/miscellaneous service description. Reference the code list in Appendix 10.F for the application of this data element with Item Number (Loop 303/304).

Higher Declared Release  
Value Ordered  
[219 025 ]

The total dollar value that the member wishes to declare for the shipment. This value is required when the member wants more than basic coverage on the shipment. The amount the member quotes to the counselor is used to determine how much additional coverage the member will have to pay beyond what the Government pays for basic coverage. This data must be supplied only if L108 is coded 445 or 335. This data has an implied decimal at the second position (Loop 301/302)

L113 257 Tariff Application Code O ID 1/1

L114 74 Declared Value C N2 2/10  
Monetary assigned value expressed in the standard monetary denomination for the currency specified.

Higher Declared Release  
Value  
[232 025 ]

The total dollar value that the member wishes to declare for the shipment. This value is required when the member wants more than basic coverage on the shipment. The amount the member quotes to the counselor is used to determine how much additional coverage the member will have to pay beyond what the Government pays for basic coverage. This data must be supplied only if L108 is coded 445 or 335. This data has an implied decimal at the second position. (Loop 303/304)

Higher Declared Release  
Value Ordered Qualifier  
[220 025 \*]

Higher Declared Release  
Value Performed Qualifier  
[233 025 \*]  
(Loop 303/304)

L115 122 Rate/Value Qualifier C ID 2/2  
Code qualifying how to extend charges or interpret value.

Code	Definition
BL	Bill of Lading Declared Value (Loop 301/302)

Code	Definition
BL	Bill of Lading Declared Value

L116 372 Lading Liability Code O ID 1/1

**Segment:** MEA Measurements

**Level:** B

**Sequence:** 160

**Usage:** O

**Max Use:** 10

**Loop:**

**Purpose:** To specify physical measurements, including dimensions, tolerances, weights and counts.

**Comment:** A. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Syntax Notes:** 03 Either MEA03 or MEA05 or MEA06 or MEA08 is required. If either MEA03, MEA05 or MEA06 is used, MEA04 is required.  
07 If MEA07 is used MEA03 is required.  
08 Either MEA08 or MEA03 may be used, but not both.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	Measurement Reference Id Code	O ID 2/2

MEA02	738	Measurement Qualifier	O ID 1/3
-------	-----	-----------------------	----------

Code identifying the type of measurement.

### Code Definition

HT	Height
LN	Length
WD	Width

MEA03	739	Measurement Value	C R 1/10
-------	-----	-------------------	----------

The value of the measurement.

Mobile Home Dimension  
Qualifier  
[270 030 \*]  
(Loop 600)

Mobile Home Measurement  
[271 027 ]

Mobile home measurements.  
Qualify in MEA02. (Loop 600)

Mobile Home Measurement  
Units Qualifier  
[272 027 \*]  
(Loop 600).

MEA04 355 Unit Of Measurement Code O ID 2/2  
Code identifying the basic unit of measurement.

Code	Definition
FT	Foot

MEA05 740 Range Minimum O R 1/10

MEA06 741 Range Maximum C R 1/10

MEA07 935 Measurement Significance Code O ID 2/2

MEA08 936 Measurement Attribute Code C ID 2/2

MEA09 752 Surface/Layer/Position Code O ID 2/2

**Segment:** L3 Total Weight And Charges

**Level:** C

**Sequence:** 10

**Usage:** C

**Max Use:** 1

**Loop:**

**Purpose:** To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

**Comment:** A. L305 is the total charges.

**Syntax Notes:** 01 If either L301 or L302 is present, then the other is required.  
02 If either L303 or L304 is present, then the other is required.  
03 If either L309 or L310 is present, then the other is required.  
04 If either L314 or L315 is present, then the other is required.

### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L301	81	Weight	C R 1/8
L302	187	Weight Qualifier	C ID 1/2
L303	60	Freight Rate	C N4 4/9
L304	122	Rate/Value Qualifier	C ID 2/2
L305	58	Charge	O N2 1/9
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified.	
L306	191	Advances	O N2 1/9

**Total Shipment Charge**  
[278 030 ]

The total charge for the shipment.  
Decimal is implied at second position.

Number of Pieces  
[279 026 ]  
The total number of pieces in the  
shipment.

L307	117	Prepaid Amount	O N2	1/9
L308	150	Special Charge Code	O ID	3/3
L309	183	Volume	C R	1/8
L310	184	Volume Unit Qualifier	C ID	1/1
L311	80	Lading Quantity	O N0	1/7
		Number of units (pieces) of the lading commodity.		
L312	188	Weight Unit Qualifier	O ID	1/1
L313	171	Tariff Number	O AN	1/7
L314	74	Declared Value	C N2	2/10
L315	122	Rate/Value Qualifier	C ID	2/2

**Segment:** SE Transaction Set Trailer

**Level:** C

**Sequence:** 20

**Usage:** M

**Max Use:** 1

**Loop:**

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Comment:** A. SE is the last segment of each transaction set.

### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number Of Included Segments	M N0 1/6
		Total number of segments included in a transaction set including ST and SE segments.	
SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number assigned by the originator for a transaction set.	

Number of Included  
Segments  
[280 099 A]

Transaction Set Control  
Number  
[281 099 B]



(Blank Page)

## 10.C Examples - X12.18 858 Shipment Information

This appendix contains examples of the 858 Shipment Information Transaction Set as used for formatting GBL data for personal property shipments.

Five examples illustrate the use of the 858 for the personal property GBL.

- Example 1 illustrates a GBL for a CONUS to CONUS household goods shipment transmitted from MTMC to a payment center. (Page 3)
- Example 2 illustrates a GBL for a CONUS to CONUS household goods shipment transmitted from MTMC to a carrier. (Page 7)
- Example 3 illustrates a GBL for an International to CONUS unaccompanied baggage shipment transmitted from MTMC to a payment center. (Page 10)
- Example 4 illustrates a GBL for a CONUS to CONUS mobile home shipment transmitted from MTMC to a payment center. (Page 13)
- Example 5 illustrates a GBL for a Port to CONUS Direct Procurement Method (DPM) shipment. (Page 15)

Each example stands alone as an acceptable 858 Shipment Information transaction.

(BLANK PAGE)

**Example 1 - Complete 858 data set for CONUS to CONUS household goods shipment****Business Scenario Example 1**

This example indicates how the Military Traffic Management Command would format an 858 to file shipment information with the appropriate Defense or other payment centers. In this case, the shipment contains household goods shipped interstate within the continental United States (CONUS) via a motor freight van including door-to-door service.

ST*858*00001 n/l	Transaction Set Header
BX*00*J*PP*OP120540*BBLC**4 n/l	Type of bill and GBL number
N9*DY*I n/l	Service code qualifier
N9*FI*DS7 n/l	Transaction content
N9*OQ*635-200*880720 n/l	Authority
N9*BL*OP120542 n/l	Consolidated shipment GBL number
G62*84*880708 n/l	Bill prepared date
G62*90*880808 n/l	Requested packing date
G62*10*880811 n/l	Requested pickup date
G62*54*880826 n/l	Required delivery date
G62*86*880811 n/l	Actual pickup date
G62*66*880924 n/l	Delivery date
L7***DS88*****10000 n/l	Tender information
NTE*APS*4,OW,AH96 n/l	Appropriation specifications
N1*OW*Smith*34*999-99-9999 n/l	Property owner
N2*Leon D. n/l	Additional name information
REF*ML*2LT*PCS n/l	Property owner's rank
REF*DU*0*1 n/l	Dependents less than twelve years
REF*DU*1*2 n/l	Dependents greater than or equal to twelve years
N1*CN*Smith n/l	Consignee
N3*1601 Leavenworth St n/l	

N4*Dayton*OH*45420*US*CY*Dayton n/l	
N1*SF*Smith n/l	Ship from
N4*Palmdale*CA*93523*US*CY*Ventura n/l	
N1*RH*Wright Patterson*27*ELFL n/l	Responsible destination
N1*RG*Edwards AFB*27*LNFL n/l	Issuing office
N1*AN*AN n/l	Authorized from
N4*Palmdale*CA**US*CY*Ventura n/l	
N1*AV*AV n/l	Authorized to
N4*Dayton*OH**US*CY*Dayton n/l	
N1*WO*Bekins Van & Storage n/l	SIT origin location
N4*Lancaster*CA*93524*US*CY*Ventura n/l	
N1*WD*Bekin Van & Storage n/l	SIT destination location
N4*Dayton*OH*45421*US*CY*Dayton n/l	
S5*1*UL n/l	Extra delivery address
N1*AE*1401 Main Street n/l	
N4*Xenia*OH*45414*US*CY*Greene n/l	
S5*1*LD n/l	Extra pickup address
N1*AB*9941 Saint Street n/l	
N4*Mojave*CA*93525*US*CY*Kern n/l	
LX*200 n/l	Weights and allowances loop start
L0****51120*C*****L n/l	Original shipment gross wt
L0****45000*T*****L n/l	Original shipment tare wt
L0****6120*N*****L n/l	Original shipment net wt
L0****51050*RG*****L n/l	Reweigh gross wt
L0****45000*RT*****L n/l	Reweigh tare wt
L0****6050*RN*****L n/l	Reweigh net wt
L0****500*WG*****L n/l	PBPE net wt

L0****12000*WA*****L n/l	Administrative net wt
LX*303 n/l	Origin accessorial loop start
N9*1P*DP*880811 n/l	Date performed
L0**10*TH n/l	Number of units
L1*****LAA****101A n/l	Service ID
LX*304 n/l	Destination accessorial loop start
N9*1P*DP*880922 n/l	Date performed
L0**1*FR n/l	Number of units
L1*****WTV****115A n/l	Service ID
LX*305 n/l	Fuel surcharge loop start
L0*305 n/l	Fuel surcharge sub-loop start
L1**350*CT**405 n/l	Fuel surcharge
LX*401 n/l	SIT origin - loop start
N9*XC*8146201*30 n/l	Control number and days authorized
N9*1R**10*880811 n/l	SIT Date In
N9*1R**11*880820 n/l	SIT Date Out
L0****6120*****L n/l	Weight in
L0****6120*****L n/l	Weight out
LX*402 n/l	SIT destination - loop start
N9*XC*8239603*90 n/l	Control number and days authorized
N9*1R**10*880824 n/l	SIT Date In
N9*1R**11*880922 n/l	SIT Date Out
L0****6120*****L n/l	Weight in
L0****6050*****L n/l	Weight out
LX*500 n/l	Entitlement loop start
L0*500 n/l	Entitlement sub-loop start
L1*****20000 n/l	Excess cost paid

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEL  
858.003010

SE\*76\*00001 n/l

Transaction set trailer

**Example 2 - Complete 858 data set for CONUS to CONUS household goods shipment****Business Scenario Example 2**

This example indicates how the Military Traffic Management Command would format an 858 to file shipment information with carriers. In this case, the shipment contains household goods shipped interstate within the continental United States (CONUS) via a motor freight van including door-to-door service.

ST*858*00001 n/l	Transaction Set Header
BX*00*J*PP*OP120540*BBLC**4 n/l	Type of bill and GBL number
N9*DY*I n/l	Service code qualifier
N9*FI*DS7 n/l	Transaction content
N9*BL*OP120542 n/l	Consolidated shipment GBL number
G62*84*880708 n/l	Bill prepared date
G62*90*880808 n/l	Requested packing date
G62*10*880811 n/l	Requested pickup date
G62*54*880826 n/l	Required delivery date
G62*66*880824 n/l	Delivery date
H3*FA n/l	Firearms
H3*RWR n/l	Reweigh requested
L7***DS88*****10000 n/l	Tender information
N1*OW*Smith*34*999-99-9999 n/l	Property owner
N2*Leon D. n/l	Additional name information
REF*ML*2LT*PCS n/l	Property owner's rank
N1*CN*Smith n/l	Consignee
N3*1601 Leavenworth St n/l	
N4*Dayton*OH*45420*US*CY*Dayton n/l	
N1*SF*Smith n/l	Ship from
N3*13204 Farmdale Rd. n/l	
N4*Palmdale*CA*93523*US*CY*Ventura n/l	



DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

N1*RH*Wright Patterson*27*ELFL n/l	Responsible destination
N1*AG*Lancaster Moving & Storage n/l	Origin agent
N1*PO*10*W53HJT n/l	Bill to DoDAAC
N1*RG*Edwards AFB*27*LNFL n/l	Issuing office
N1*WO*Bekins Van & Storage n/l	SIT origin location
N3*1862 Ohio Ave. n/l	
N4*Lancaster*CA*93524*US*CY*Ventura n/l	
N1*WD*Bekins Van & Storage n/l	SIT destination location
N3*2062 Wood Lane n/l	
N4*Dayton*OH*45421*US*CY*Dayton n/l	
S5*1*UL n/l	Extra delivery address
N1*AE*1401 Main Street n/l	
N4*Xenia*OH*45414*US*CY*Greene n/l	
S5*1*LD n/l	Extra pickup address
N1*AB*9941 Saint Street n/l	
N4*Mojave*CA*93525*US*CY*Kern n/l	
LX*200 n/l	Weights and allowances loop start
PER*AU n/l	Reweigh witnessed
L0****51120*G*****L n/l	Original shipment gross wt
L0****45000*T*****L n/l	Original shipment tare wt
L0****6120*N*****L n/l	Original shipment net wt
L0****51050*RG*****L n/l	Reweigh gross wt
L0****45000*RT*****L n/l	Reweigh tare wt
L0****6050*RN*****L n/l	Reweigh net wt
L0****500*WG*****L n/l	PBPE net wt
LX*302 n/l	Destination accessorial loop start
N9*1P*DO*880920 n/l	Date service ordered

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

N9*1P*DR*880922 n/l	Date service requested to be performed
L0**1*FR n/l	Number of units
L1*****WTV****115A n/l	Service ID
LX*303 n/l	Origin accessorial loop start
N9*1P*DP*880811 n/l	Date services performed
L0**10*TH n/l	Number of units
L1*****LAA****101A n/l	Service ID
LX*304 n/l	Destination accessorial loop start
N9*1P*DP*880922 n/l	Date service performed
L0**1*FR n/l	Number of units
L1*****WTV****115A n/l	Service ID
LX*401 n/l	SIT origin - loop start
N9*XC*8146201*30 n/l	Control number and days authorized
N9*1R**10*880811 n/l	SIT Date In
N9*1R**11*880820 n/l	SIT Date Out
LX*402 n/l	SIT destination - loop start
N9*XC*8239603*90 n/l	Control number and days authorized
N9*1R**10*880824 n/l	SIT Date In
N9*1R**11*880922 n/l	SIT Date Out
L3*****200 n/l	Number of pieces
SE*70*00001 n/l	Transaction set trailer

**Example 3 - Complete 858 data set for International to CONUS unaccompanied baggage shipment****Business Scenario Example 3**

This example indicates how the Military Traffic Management Command would format an 858 to file shipment information with the appropriate Defense or other payment centers. In this case, the shipment contains unaccompanied baggage shipped from an international origin to CONUS.

ST*858*00001 n/l	Transaction set header
BX*00*J*PP*OP120540*AFIW**4 n/l	Type of bill and GBL number
N9*DY*J n/l	Service code
N9*FI*DS7 n/l	Transaction content
N9*OQ*635-200*880720 n/l	Authority
G62*84*880805 n/l	Bill prepared date
G62*90*880808 n/l	Requested packing date
G62*10*880811 n/l	Requested pickup date
G62*54*880826 n/l	Required delivery date
G62*86*880811 n/l	Actual pickup date
G62*66*880926 n/l	Delivery date
L7**AFIW*DS88*****10000 n/l	Tender information
NTE*APS*4,OW,AH96 n/l	Appropriation specifications
N1*OW*Smith*34*999-99-9999 n/l	Property owner information
N2*Leon D. n/l	
REF*ML*2LT*PCS n/l	Owner's rank
REF*DU*0*1 n/l	Number of dependents less than 12 yrs
REF*DU*1*2 n/l	Number of dependents greater than or equal to 12 yrs
N1*CN*Smith n/l	Consignee
N3*1601 Leavenworth St n/l	
N4*Dayton*OH*45414*US*CY*Dayton n/l	

N1*SF*Smith n/l	Ship from
N4*Inchon***KS*IP*APO-SF-96301 n/l	
N1*RH*Wright Patterson*27*ELFL n/l	Responsible destination
N4*****RA*US34 n/l	Rate area code
N1*RG*TO, HQEUSA Special Troops CMD*27*LNFL n/l	Issuing office
N4*****RA*KS n/l	Rate area code
N1*AN*AN n/l	Authorized ship from
N4*Palmdale*CA**US*CY*Ventura n/l	
N1*AV*AV n/l	Authorized ship to
N4*Dayton*OH**US*CY*Dayton n/l	
N1*WO*Inchon Inc n/l	SIT Origin location
N4*Inchon***KS*IP*APO-SF-96301 n/l	
N1*WD*Bekins Van & Storage n/l	SIT destination location
N4*Dayton*OH*45421*US*CY*Dayton n/l	
LX*200 n/l	Weights and allowances loop start
L0****750*G*****L n/l	Original shipment gross wt
L0****250*T*****L n/l	Original shipment tare wt
L0****500*N*****L n/l	Original shipment net wt
L0****700*RG*****L n/l	Reweigh gross wt
L0****250*RT*****L n/l	Reweigh tare wt
L0****450*RN*****L n/l	Reweigh net wt
L0****50*WG*****L n/l	PBPE net wt
L0****750*WA*****L n/l	Administrative net wt
L0****750*WB*****L n/l	Unaccompanied baggage net wt
L0****50*Z*****L n/l	Consumable net wt
LX*303 n/l	Origin accessorial loop start
N9*1P*DP**880808 n/l	Date accessorial service performed

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

L0**2*EA n/l	Number of units
L1*****PUK****100Q n/l	Service item number
LX*401 n/l	SIT origin - loop start
N9*XC*8146201*30 n/l	Control number and days authorized
N9*1R**10*880811 n/l	SIT Date In
N9*1R**11*880820 n/l	SIT Date Out
L0****500*****L n/l	Weight in
L0****500*****L n/l	Weight out
LX*402 n/l	SIT destination - loop start
N9*XC*8239603*90 n/l	Control number and days authorized
N9*1R**10*880821 n/l	SIT Date In
N9*1R**11*880926 n/l	SIT Date Out
L0****500*****L n/l	Weight in
L0****450*****L n/l	Weight out
SE*63*00001 n/l	Transaction set trailer

**Example 4 - Complete 858 data set for CONUS to CONUS mobile home shipment****Business Scenario Example 4**

This example indicates how the Military Traffic Management Command would format an 858 to file shipment information with the appropriate Defense or other payment centers. In this case, the shipment involves the movement of a mobile home within CONUS.

ST*858*00001 n/l	Transaction Set Header
BX*00*J*PP*OP120540*BBLC**4 n/l	Type of bill and GBL number
N9*DY*I n/l	Service code qualifier
N9*FI*DD7 n/l	Transaction content
N9*OQ*635-200*880720 n/l	Authority
G62*84*880805 n/l	Bill prepared date
G62*90*880808 n/l	Requested packing date
G62*10*880811 n/l	Requested pickup date
G62*54*880826 n/l	Required delivery date
G62*86*880811 n/l	Actual pickup date
G62*66*880824 n/l	Delivery date
L7***DS88*****10000 n/l	Tender information
NTE*APS*4,OW,AH96 n/l	Appropriation specifications
N1*OW*Smith*34*999-99-9999 n/l	Property owner
N2*Leon D. n/l	Additional name information
REF*ML*2LT*PCS n/l	Property owner's rank
REF*DU*0*1 n/l	Dependents less than twelve years
REF*DU*1*2 n/l	Dependents greater than or equal to twelve years
N1*CN*Smith n/l	Consignee
N3*1601 Leavenworth St n/l	
N4*Dayton*OH*45420*US*CY*Dayton n/l	
N1*SF*Smith n/l	Ship from

N4*Palmdale*CA*93523*US*CY*Ventura n/l	
N1*RH*Wright Patterson*27*ELFL n/l	Responsible destination
N1*RG*Edwards AFB*27*LNFL n/l	Issuing office
N1*AN*AN n/l	Authorized from
N4*Palmdale*CA**US*CY*Ventura n/l	
N1*AV*AV n/l	Authorized to
N4*Dayton*OH**US*CY*Dayton n/l	
LX*100 n/l	Linehaul loop
L0*100 n/l	Linehaul sub-loop
L1**4300*CW*****LHS n/l	Linehaul rate
LX*200 n/l	Weights and allowances loop start
L0****12000*WA*****L n/l	Administrative net wt
LX*303 n/l	Accessorial loop start
N9*1P*DP**881126 n/l	Date accessorial service performed
L0**1**FR n/l	Number of units
L1*****PAK****502A n/l	Service item number
LX*500 n/l	Entitlement loop start
L0*500 n/l	Entitlement sub-loop start
L1****480000**40000 n/l	Mobile home and excess cost paid
SE*42*00001 n/l	Transaction set trailer

**Example 5 - Complete 858 data set for Port to CONUS Direct Procurement Method (DPM) shipment****Business Scenario Example 5**

This example indicates how the Military Traffic Management Command would format an 858 to file shipment information with the appropriate Defense or other payment centers. In this case, the shipment contains household goods shipped from a CONUS port to a CONUS destination using the Direct Procurement Method (DPM).

ST*858*00001 n/l	Transaction Set Header
BX*00*J*PP*OP120540*BBLC**4 n/l	Type of bill and GBL number
N9*DY*I n/l	Service code
N9*FI*DD7 n/l	Transaction content
N9*OQ*635-200*880720 n/l	Authority
G62*84*880805 n/l	Bill prepared date
G62*90*880808 n/l	Requested packing date
G62*10*880811 n/l	Requested pickup date
G62*54*880826 n/l	Required delivery date
G62*86*880811 n/l	Actual pickup date
G62*66*880826 n/l	Delivery date
L7*ABFS*****10000 n/l	Tender information
NTE*APS*4,OW,AH96 n/l	Appropriation specifications
N1*OW*Smith*34*999-99-9999 n/l	Property owner
N2*Leon D. n/l	
REF*ML*2LT*PCS n/l	Owner's rank
REF*DU*0*1 n/l	Number of dependents less than 12yrs
REF*DU*1*2 n/l	Number of dependents greater than or equal to 12 yrs
N1*CN*Smith n/l	Consignee
N3*4737 Wadsworth St n/l	
N4*Dayton*OH*45414*US*CY*Dayton n/l	



N1*SF*Smith n/l	Ship from
N4*Bayonne*NJ*07002*US*CY*Essex n/l	
N1*RH*Wright Patterson*27*ELFL n/l	Responsible destination
N4*****RA*US34 n/l	Rate area code
N1*RG*TO, MOTBY*27*AOCE n/l	Issuing office
N4*****RA*US19 n/l	
N1*AN*AN n/l	Authorized ship from
N4*Palmdale*CA**US*CY*Ventura n/l	
N1*AV*AV n/l	Authorized ship to
N4*Dayton*OH**US*CY*Dayton n/l	
LX*200 n/l	Weights and allowances loop start
L0****1200*G*****L n/l	Original shipment gross wt
L0****200*T*****L n/l	Original shipment tare wt
L0****1000*N*****L n/l	Original shipment net wt
L0****1200*RG*****L n/l	Reweigh gross wt
L0****200*RT*****L n/l	Reweigh tare wt
L0****1000*RN*****L n/l	Reweigh net wt
L0****50*WG*****L n/l	PBPE net wt
L0****1200*WA*****L n/l	Administrative net wt
SE*41*00001 n/l	Transaction set trailer

## 10.F Additional DoD Code Lists

This appendix contains contains additional DoD code lists for formatting personal property GBL data to the ANSI X12 858 transaction set. Please note that DoD code definitions may not be exactly the same as those identified in the ASC X12 Standards publications.

Code lists include:

[217 ] - Item Number Ordered

[230 ] - Item Number Performed

[042 024 A] - Appropriation Type, Property Owner Qualifier, and Number

Footnote definitions:

\* Need new X12 code

(Blank Page)

**[217 ] Item Number Ordered****[230 ] Item Number Performed**

Mapping: B 150 L108 150

**Accessorial Services for Personal Property Shipment (Domestic)**

DoD Code	L108 Value	DoD Definition	L003 Value	L103 Value	L112 Value
	PDS*	Pickup/delivery	LC	CW	PDS
	EED	Exclusive use of vehicle	CF	-	EED
	EXP	Expedited service	-	-	EXP
	RSV	Space reservation	CF	-	RSV
100	PUK*	Max pack	LC	CW	100A
100	PUK*	Drum, disk pack	EA	ER	100B
100	PUK*	Carton, <3 cuft.	EA	ER	100C
100	PUK*	Carton, 3 cuft.	EA	ER	100D
100	PUK*	Carton, 4 1/2 cuft.	EA	ER	100E
100	PUK*	Carton, 6 cuft.	EA	ER	100F
100	PUK*	Carton, 6 1/2 cuft.	EA	ER	100G
100	PUK*	Wardrobe carton	EA	ER	100H
100	PUK*	Mattress carton, crib	EA	ER	100I
100	PUK*	Mattress carton, <39" x 75"	EA	ER	100J
100	PUK*	Mattress carton, <54" x 75"	EA	ER	100K
100	PUK*	Mattress carton, >54" x 75"	EA	ER	100L
100	PUK*	Mattress carton, 39" x 80"	EA	ER	100M
100	PUK*	Corrugated container	EA	ER	100N
100	PUK*	Grandfather clock	EA	ER	100P
100	PUK*	Crate	CF	PF	100Q
100	PUK*	Double carton, <4 cuft.	EA	ER	100S
100	PUK*	Double carton, >4 cuft. and <7 cuft.	EA	ER	100T
100	PUK*	Double carton, >7 cuft. and <15 cuft.	EA	ER	100U
101	LAA	Labor - regular	TH	MH	101A
101	LAA	Labor - overtime	TH	MH	101B
101	LAA	Labor-Sunday/holiday - Alaska only	TH	MH	101C
105	PUD	Addl pu	EA	ER	105A

**DEPARTMENT OF DEFENSE  
EDI CONVENTION**

**PERSONAL PROPERTY GEL  
858.003010**

105	PUD	Addl del	EA	ER	105B
106	WRC	Partial del - weighing fee	EA	ER	106A
108	RCL	Attempted delivery - linehaul	LC	CW	108A
108	RCL	Attempted delivery - warehouse handling	LC	CW	108B
108	RCL	Attempted delivery - waiting time	TH	MH	108C
108	RCL	Attempted delivery - waiting time - labor - regular	TH	MH	108D
108	RCL	Attempted delivery - waiting time - labor - overtime	TH	MH	108E
108	RCL	Attempted del - waiting time- labor- Sunday/holiday-Alaska only	TH	MH	108F
109	650	Attempted pickup - vehicle hours	TH	MH	109A
109	650	Attempted pickup - labor - regular	TH	MH	109B
109	650	Attempted pickup - labor - overtime	TH	MH	109C
109	650	Attempted pickup - labor - Sunday/holiday - Alaska only	TH	MH	109D
110	AUX*	Auxiliary service - vehicle hours	TH	MH	110A
110	AUX*	Auxiliary service - labor - regular	TH	MH	110B
110	AUX*	Auxiliary service - labor - overtime	TH	MH	110C
110	AUX*	Auxiliary service - labor - Sunday/holiday - Alaska only	TH	MH	110D
111	POC*	Piano/organ carry - over 38"	EA	ER	111A
111	POC*	Piano/organ carry - under 38"	EA	ER	111B
111	POC*	Piano/organ carry - 1st flight	FR	FR	111C
111	POC*	Piano/organ carry - additional flights	EA	ER	111D
112	SEE*	Excess carry	EA	CW	112A
112	SEE*	Stairs (outside)	EA	CW	112B
112	SEE*	Stairs (inside)	EA	CW	112C
112	SEE*	Elevator	LC	CW	112D
113	BKA*	Bulky article - satellite disc/dish-over 12 ft.	EA	ER	113A
113	BKA*	Bulky article - playhouse, tool sheds, dog houses, utility sheds	EA	ER	113B
113	BKA*	Bulky article - hot tubs, spas, whirlpool baths, jacuzzis	EA	ER	113C
113	BKA*	Bulky article - satellite disc/dish-under 4 ft.	EA	ER	113D
113	BKA*	Bulky article - satellite disc/dish-over 4 ft. to 8 ft.	EA	ER	113E
113	BKA*	Bulky article tractors - riding mowers over 25 hp	EA	ER	113F
113	BKA*	Bulky article - satellite disc/dish-8 ft. to 12 ft.	EA	ER	113G
113	BKA*	Bulky articles - tractors - riding mowers-under 25 hp	EA	ER	113H
113	BKA*	Bulky article - motorcycles	EA	ER	113I
113	BKA*	Bulky article - snowmobiles-golf carts-recreational vehicle	EA	ER	113J
113	BKA*	Bulky article -auto - truck - van	EA	ER	113K
115	WTG	Waiting time	TH	MH	115A
115	WTG	Waiting time - labor - regular	TH	MH	115B

DEPARTMENT OF DEFENSE  
EDI CONVENTIONPERSONAL PROPERTY GBL  
858.003010

115	WTG	Waiting time - labor - overtime	TH	MH	115C
115	WTG	Waiting time - labor - Sunday/holiday - Alaska only	TH	MH	115D
120	OAC	Overtime load/unload	LC	CW	120A
125	WTV	Reweigh	FR	FC	125A
130	445	Additional shipment charge - released value	RV	PH	130A
130	445	Additional shipment charge - Alaska (to and from)	RV	PH	130B
130	445	Additional shipment charge - SIT - first day	LC	CW	130C
130	445	Additional shipment charge - SIT - each additional day	EA	ER	130D
135	HOC	Household appliances servicing	FR	FC	135A
135	HOC	Household appliances servicing - labor - regular	TH	MH	135B
135	HOC	Household appliances servicing - labor - overtime	TH	MH	135C
135	HOC	Household appliances servicing - labor - Sunday/holiday - Alaska only	TH	MH	135D
136	BRD	Ferry charge - Fauntleroy - Vashon-Harper	LC	CW	136A
136	BRD	Ferry charge - Anacortes - San Juan Island	LC	CW	136B
136	BRD	Ferry charge - Governor's Island, NY - New York, NY	LC	CW	136C
136	BRD	Ferry charge - Tacoma - Vashon Island	LC	CW	136D
136	BRD	Ferry charge - Edmonds - Kingston	LC	CW	136E
136	BRD	Ferry charge - Port Townsend - Keystone	LC	CW	136F
136	BRD	Ferry charge - Mukilleo - Columbia Beach	LC	CW	136G
136	BRD	Ferry charge - Seattle - Bremerton	LC	CW	136H
136	BRD	Ferry charge - Seattle - Winslow	LC	CW	136I
136	BRD	Ferry charge - New London, CT-Fisher Island, NY	LC	CW	136J
136	BRD	Ferry charge - Woodshole - Nantucket Island	LC	CW	136K
136	BRD	Ferry charge - Woodshole - Oak Bluff, Martha's Vineyard	LC	CW	136L
136	BRD	Service charge - Plantation - Islamorada, pts s & w in FI Keys	LC	CW	136N
136	BRD	Service charge - Adak	LC	CW	136O
136	BRD	Service charge - Kodiak	LC	CW	136P
136	BRD	Bridge charge - Newport Bridge, Newport	LC	CW	136Q
136	BRD	Bridge charge - Virginia Beach - Norfolk - Cape Charles	LC	CW	136R
136	BRD	Bridge charge - San Diego - Coronado	LC	CW	136S
136	BRD	Bridge charge - Key Biscayne	LC	CW	136T
136	BRD	Bridge charge - Mackinaw City, St. Ignace	LC	CW	136U
136	BRD	Bridge charge - Megler, Wa. - Astoria, Or.	LC	CW	136W
136	BRD	Bridge charge - Port Gamble - Shine	LC	CW	136X
140	DIC	Diversion - flat charge - 12,000 lbs. and over	FR	CW,FC	140A
140	DIC	Diversion - per CWT - under 12,000 lbs.	LC	CW	140B
145	STR	Storage - SIT 1st day	LC	CW	145A

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

145	STR	Storage - each additional day	EA	CW	145B
145	STR	Warehouse handling	LC	CW	145C
152	335	Full replacement protection - CONUS	RV	PH	152A
152	335	Full replacement protection - Alaska in/out	RV	PH	152B
152	335	Full replacement protection - SIT - first day	LC	CW	152C
152	335	Full replacement protection - SIT - each additional day	EA	ER	152D
153	GOC*	Use of Government-owned containers - reduction charge	NR	PA	153A
153	GOC*	Use of Government-owned containers - aux. service charge-vehicle hrs	TH	MH	153B
153	GOC*	Use of Government-owned containers - aux. service labor - regular	TH	MH	153C
153	GOC*	Use of Government-owned containers - aux. service labor - overtime	TH	MH	153D
153	GOC*	Use of Gov-owned containers-aux. serv. labor-Sun/holiday-Alaska only	TH	MH	153E
154	SNT*	Shipment from non-temp storage	LC	CW	154A
155	ATS	Additional transportation charge	TH	MH	155A
500	PUK*	Pack (Mobile Home/Boats)	FR	FC	500A
500	PUK*	Unpack (Mobile Home/Boats)	FR	FC	500B
501	APL*	Appliance Servicing (Mobile Home/Boats)	FR	FC	501A
502	PAK	Preparation for movement (Mobile Home/Boats)	FR	FC	502A
503	UTL*	Utilities - disconnect (Mobile Home/Boats)	FR	FC	503A
503	UTL*	Utilities - connect (Mobile Home/Boats)	FR	FC	503B
505	BLK	Unblock (Mobile Home/Boats)	FR	FC	505A
505	BLK	Block (Mobile Home/Boats)	FR	FC	505B
506	ANC*	Unanchoring (Mobile Home/Boats)	FR	FC	506A
506	ANC*	Anchoring (Mobile Home/Boats)	FR	FC	506B
507	SKT*	Unskirting (Mobile Home/Boats)	FR	FC	507A
507	SKT*	Skirting (Mobile Home/Boats)	FR	FC	507B
508	EXZ*	Expando - remove (Mobile Home/Boats)	FR	FC	508A
508	EXZ*	Expando - install (Mobile Home/Boats)	FR	FC	508B
509	DBL*	Double wide - separate (Mobile Home/Boats)	FR	FC	509A
509	DBL*	Double wide - reassemble (Mobile Home/Boats)	FR	FC	509B
511	ARC*	Air conditioner - disconnect (Mobile Home/Boats)	FR	FC	511A
511	ARC*	Air conditioner - connect (Mobile Home/Boats)	FR	FC	511B
600	EAX*	Extra Axles (Mobile Home/Boats)	EA	ER	600A
601	LAA	Labor charge (Mobile Home/Boats)	TH	MH	601A
602	WTG	Waiting (Mobile Home/Boats)	TH	MH	602A
603	TTU*	Tire - repair (Mobile Home/Boats)	EA	ER	603A
603	TTU*	Tire - replace (Mobile Home/Boats)	EA	ER	603B
604	STR	Storage-in-transit (Mobile Home/Boats)	TD	PD	604A

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GBL  
858.003010

700	335	Increased valuation (Mobile Home/Boats)	RV	PH	700A
701	INS	Act of God insurance (Mobile Home/Boats)	RV	PH	701A



**Accessorial Services for Personal Property Shipments (International)**

DoD Code	L108 Value	DoD Definition	L003 Value	L103 Value	L112 Value
501	AUX*	Auxiliary service - vehicle hours	TH	MH	501A
501	AUX*	Auxiliary service - labor - regular	TH	MH	501B
501	AUX*	Auxiliary service - labor - overtime	TH	MH	501C
501	AUX*	Auxiliary service - Sunday/holiday - Alaska only	TH	MH	501D
502	LAA	Labor - regular	TH	MH	502A
502	LAA	Labor - overtime	TH	MH	502B
502	LAA	Labor - Sunday/holiday - Alaska only	TH	MH	502C
503	WTG	Waiting time- vehicle hours	TH	MH	503A
503	WTG	Waiting time- labor - regular	TH	MH	503B
503	WTG	Waiting time- labor - overtime	TH	MH	503C
503	WTG	Waiting time- labor - Sunday/holiday- Alaska only	TH	MH	503D
504	OAC	Overtime loading/unloading - HHG shipments	LC	CW	504A
504	OAC	Overtime loading/unloading - UB shipments	FR	ER	504B
505	WTV	Reweigh - household goods	FR	FC	505A
506	WTV	Reweigh - UB	FR	FC	506A
507	UPK*	Unpacking - UB - barrel, dish-pack, drum, 5 cu. ft. and over	EA	ER	507A
507	UPK*	Unpacking - UB - boxes between 5-8 cu. ft.	EA	ER	507B
507	UPK*	Unpacking - UB - boxes, over 8 cu. ft.	CF	PF	507C
507	UPK*	Unpacking - UB - boxes, under 5 cu. ft.	EA	ER	507D
507	UPK*	Unpacking - UB - cartons between 6-8 cu. ft.	EA	ER	507E
507	UPK*	Unpacking - UB - cartons, over 8 cu. ft.	CF	PF	507F
507	UPK*	Unpacking - UB - cartons - between 4-6 cu. ft.	EA	ER	507G
507	UPK*	Unpacking - UB - cartons - under 4 cu. ft.	EA	ER	507H
507	UPK*	Unpacking - UB - containers or crates - fragile articles	CF	PF,MN	507I
507	UPK*	Unpacking - UB - containers or crates - external	CF	PF	507K
508	SCD*	Special containers/crates - internal	CF	PF,MN	508B
508	SCD*	Special containers/crates - external	CF	PF	508C
508	SCD*	Member containers/crates - labor - regular	TH	MH	508D
508	SCD*	Member containers/crates - labor - overtime	TH	MH	508E
508	SCD*	Member containers/crates - labor - Sunday/holiday - Alaska only	TH	MH	508F
509	PUD	Extra pickup - HHG	LC	ER,PS,CW	509A
509	PUD	Extra pickup - UB	FR	ER	509B
509	PUD	Extra delivery - HHG	LC	ER,PS,CW	509C
509	PUD	Extra delivery - UB	FR	ER	509D

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEN  
858.003010

509	PUD	Extra pickup/delivery - labor - regular	TH	MH	509E
509	PUD	Extra pickup/delivery - labor - overtime	TH	MH	509F
509	PUD	Extra pickup/delivery - labor - Sunday/holiday - Alaska only	TH	MH	509G
510	RCL	Attempted delivery - pickup/delivery from SIT-HHG	LC	CW	510A
510	RCL	Attempted delivery - pickup/delivery from SIT - UB	LC	CW	510B
510	RCL	Attempted delivery - Pu/Del from SIT - outer islands of Hawaii	LC	CW	510E
510	RCL	Attempted delivery - warehouse handling - HHG	LC	CW	510F
510	RCL	Attempted delivery - warehouse handling - UB	LC	CW	510G
510	RCL	Attempted delivery - waiting time - vehicle hours	LC	CW	510I
510	RCL	Attempted delivery - labor - regular	TH	MH	510J
510	RCL	Attempted delivery - labor - overtime	TH	MH	510K
510	RCL	Attempted delivery - labor - Sunday/holiday - Alaska only	TH	MH	510L
511	650	Attempted pickup - vehicle hours	TH	MH	511A
511	650	Attempted pickup - labor - regular	TH	MH	511B
511	650	Attempted pickup - labor - overtime	TH	MH	511C
511	650	Attempted pickup - labor - Sunday/holiday - Alaska only	TH	MH	511D
511	650	Attempted pickup - waiting time	LW	CW	511E
514	GOC*	Use of Government-owned containers - reduction charge	NR	PA	514A
514	GOC*	Use of Government-owned containers - aux. service charge-vehicle hrs	TH	MH	514B
514	GOC*	Use of Government-owned containers - aux. service labor - regular	TH	MH	514C
514	GOC*	Use of Government-owned containers - aux. service labor - overtime	TH	MH	514D
514	GOC*	Use of Gov-owned containers-aux. serv. labor-Sun/holiday-Alaska only	TH	MH	514E
515	SNT*	Shipment from a DoD Approved Facility	LC	CW	515A
517	HHG	Pickup or delivery - Florida Keys	LC	CW	517A
518	STR	Storage-in-transit - each additional day - CONUS	EA	CW	518A
518	STR	Storage-in-transit - first day - CONUS	LC	CW	518B
518	STR	Storage-in-transit - 30 day periods - outside CONUS	EA	CW	518C
518	STR	Warehouse handling charge	LC	CW	518D
519	STR	Storage-in-transit - UB - each 15 days	LC	CW,ER	519A
519	STR	Warehouse handling - UB	LC	CW,PS	519C
520	PDS*	Storage-in-transit - pickup or delivery charges - HHG	LC	CW	520A
520	PDS*	Storage-in-transit - overtime loading and unloading	LC	CW	520C
521	PDS*	Storage-in-transit - pickup or delivery charges - UB	LC	CW,SP	521A
521	PDS*	Storage-in-transit - administrative fee	FR	SP	521C
521	PDS*	Storage-in-transit - PU/DEL charges - outer islands of Hawaii	LC	CW	521D
522	TRM*	Termination charge - HHG	EA	SP	522A
523	TRM*	Termination charge - UB	EA	SP	523A

DEPARTMENT OF DEFENSE  
EDI CONVENTION

PERSONAL PROPERTY GEN.  
858.003016

524	RSP*	Reshipments - original carrier - HHG	-	-	524A
524	RSP*	Reshipments - another carrier - HHG	-	-	524B
525	RSP*	Reshipments - original carrier - UB	-	-	525A
525	RSP*	Reshipments - another carrier - UB	-	-	525B
526	DIC	Diversion charge	FR	SP	526A
526	DIC	Diversion - port/warehouse handling	LC	CW,PS	526B
526	DIC	Diversion - storage	LC	CW,ER	526C
527	HHG	Pickup - split code T/5	EA	ER	527A
527	HHG	Delivery - split code T/5	EA	ER	527B
531	WRC	Partial delivery weighing	FR	FC	531A
532	ITV	Intransit invisibility service	EA	ER	532A
533	HHG	Shipment charge - Portugal	FR	FC	533A
534	SEE*	Excess distance carry	EA	CW	534A

## Third Party or Miscellaneous Services

DoD Code	L108 Value	DoD Definition	L003 Value	L103 Value	L112 Value
-	MSG	Miscellaneous Charge	-	-	(Description)
-	TPS*	Third Party Services	-	-	(Description)

## Surcharges

DoD Code	L108 Value	DoD Definition	L003 Value	L103 Value	L112 Value
-	100	Air	-	-	-
-	405	Fuel	-	-	-
-	BSC	Bunker	-	-	-
-	CON	Port Congestion	-	-	-
-	WAR	War Risk	-	-	-

## Linehaul or Single Factor Rate

DoD Code	L108 Value	DoD Definition	L003 Value	L103 Value	L112 Value
-	LHS*	Linehaul or single factor transportation services	-	-	-

## [042 024 A] Appropriation Type, Property Owner Qualifier, and Number

Mapping: A 280 NTE02 3

Position	Element name	Data length	Data type	Format specifications	Description
1 - 2	Department	2	N	Must contain 2 numbers. Field cannot be blank.	The department or agency responsible for administering the account.
3	(Unused)	1	AN	Space fill.	
4	Fiscal year	1	AN	Must contain a number or alpha char. Field cannot be blank.	Indicates the fiscal year of availability for obligation.
5 - 8	Basic symbol	4	N	Must contain 4 numbers.	The last four digits of the appropriation.
9 - 12	Limitation	4	AN	Leading zeros if less than 4 chars/numbers.	A breakdown of a receipt, appropriation, or fund account for a specific purpose. In some cases, the limit is a subdivision of funds that restricts the amount or use of funds for a certain object or purpose.
13	Program year	1	AN	Zero fill if blank.	The year for which activity received program approval, regardless of the year of the transaction.
14 - 15	Operating agency	2	AN	Leading zeros if less than 2 chars/numbers.	Identifies the agency that was allocated the funds. This agency is responsible for issuing and administering the funds.
16	Reimbursement designator	1	N	If "C" replace with "7", otherwise replace with "0".	Identifies a reimbursement or collection into deposit funds, general special, trust and other receipts.
17 - 20	Allotment serial number	4	N	Leading zeros if less than 4 numbers.	Identifies multiple fund subdivisions within an appropriation or fund.
21 - 24	Project	4	N	Skip "P", blanks, and decimals. Trailing zeros if < 4 numbers.	Shows a function, mission or activity.
25 - 28	Sub-Project	4	AN	Left justify and space fill unused positions.	Breakdown within a project.
29 - 32	Element of resource	4	N	Left justify and zero fill unused positions.	Identifies the kind of resource and classifies the type of service, goods, or other item being produced according to the nature of usage rather than the purpose.
33 - 38	Fiscal station number	6	N	Leading zeros if less than 6 numbers.	Specifies the installation or station that maintains the funds to be charged or credited.
39 - 40	Country code	2	AN	Space fill unused positions.	Identifies a geographical area (country, an island, a group of islands, or possessions).
41 - 46	Fiscal stations APC	6	AN	Left justify and space fill unused positions.	Local code for processing accounting data.

Note: Listed above are the segments of the current appropriation including format structure and the definitions for each segment

# REPORT DOCUMENTATION PAGE

Form Approved  
OPM No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources gathering, and maintaining the data needed, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

1. AGENCY USE ONLY (Leave Blank)

2. REPORT DATE

Apr 93

3. REPORT TYPE AND DATES COVERED

Final

4. TITLE AND SUBTITLE

DoD Electronic Data Interchange (EDI) Convention:  
ASC X12 Transaction Set 858 Personal Property Shipment Information (Version 003010)

5. FUNDING NUMBERS

C MDA903-90-C-0006  
PE 0902198D

6. AUTHOR(S)

W. Michael Bridges and Harold L. Frohman

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

Logistics Management Institute  
6400 Goldsboro Road  
Bethesda, MD 20817-5886

8. PERFORMING ORGANIZATION  
REPORT NUMBER

LMI-DF101LN10

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

DoD Executive Agent for EC/EDI/PLUS  
Defense Logistics Agency  
DLA-ZIE, Cameron Station  
Alexandria, VA 22304

10. SPONSORING/MONITORING  
AGENCY REPORT NUMBER

11. SUPPLEMENTARY NOTES

Prepared in cooperation with Data Interchange Standards Association, the Secretariat and administrative arm of the Accredited Standards Committee X12.

12a. DISTRIBUTION/AVAILABILITY STATEMENT

A: Approved for public release; distribution unlimited

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

This is an electronic data interchange (EDI) systems design document that describes the standard or "convention" the Department of Defense (DoD) will use to send personal property shipment information using the ASC X12.18 Transaction Set 858 Shipment Information (003010).

14. SUBJECT TERMS

Electronic Data Interchange; EDI; DoD EDI Convention; Electronic Commerce; ANSI X12; X12; electronic standards; electronic business standards; computer-to-computer exchange of data; electronic documents; electronic records; paperless environment; conventions; GBL; personal property; shipment information; MTMC

15. NUMBER OF PAGES

192

16. PRICE CODE

17. SECURITY CLASSIFICATION  
OF REPORT

Unclassified

18. SECURITY CLASSIFICATION  
OF THIS PAGE

Unclassified

18. SECURITY CLASSIFICATION  
OF ABSTRACT

Unclassified

20. LIMITATION OF ABSTRACT

UL